

## CURRICULUM VITAE

**NAME:** Michael Allen Alexander, M.D.

**ADDRESS:** Alfred I. duPont Hospital for Children  
Division of Rehabilitation Medicine  
1600 Rockland Road  
Wilmington, DE 19803

**Marital Status:** Married, Wife-Michele Y.  
Children-Alexia, 1978; Aaron, 1981; Adam, 1985

### **Present Academic and Hospital Appointments:**

2006 Professor, Pediatrics & Rehabilitation Medicine, Thomas Jefferson Medical College  
1997 Clinical Professor, Pediatrics & Rehabilitation Medicine, Thomas Jefferson Medical College  
1997 Adjunct Clinical Associate Professor, Department of Physical Therapy University of Delaware, Newark, Delaware  
1995 Medical Director, Philadelphia Easter Seal Society  
1993 Chief, Division of Pediatric Rehabilitation, Depts. of Rehabilitation and Pediatrics, Jefferson Medical College, Philadelphia, PA  
1991 Associate Professor, Physical Medicine & Rehabilitation, Jefferson Medical College, Philadelphia, PA  
1991 Associate Professor, Pediatrics, Jefferson Medical College, Philadelphia, PA  
1989 Medical Center of Delaware, Wilmington, DE  
1986 Chief of Rehabilitation Medicine, Alfred I. duPont Hospital for Children, Wilmington, Delaware

### **Education:**

1965-69 B.A. (Biology with honors) George Mason University, Fairfax, VA  
1969-72 M.D., University of Virginia School of Medicine, Charlottesville, VA  
1972-76 Combined program in Pediatrics & Physical Medicine, Ohio State University and Children's Hospital, Columbus, Ohio  
1976 Lower Extremity Prosthetics, Northwestern University School of Medicine, Chicago, IL

### **Honors and Awards:**

1976 George Mason University Alumnus of the Year  
1977 Nominee for Teaching Award - Ohio State University, Medical School Class of 1977  
1982, 1985, 1988, 1991, 1994, 2000 Guest Examiner, American Board of Physical Medicine & Rehabilitation  
1985 10th Richard F. Baer, MD, Visiting Lectureship, Ohio State University  
1986 Selected as Physician of the Year by the Pennsylvania Governor's Committee on Employment of the Handicapped, presented at the 34th Annual Conference  
1987 Commonwealth of Pennsylvania Department of Health Citation  
1988 Institute of Pediatrics Copernicus Medical Academy in Krakow, Poland, 20th Anniversary Medal for "Contribution into Initiating Pediatric Rehabilitation" in Krakow, Poland.

1988 William Beaumont Visiting Professorship, Detroit, Michigan in Physical Medicine & Rehabilitation

1989 Delaware State Superintendent Merit Award, Dept. of Public Instruction

1990 Chairman-"Building Health Care Resource for Young Adults with Physical & Multiple Disabilities". Coordinating Council for Handicapped Child of Delaware

1994 Rehabilitation Institute of Chicago, Northwestern University Medical School, Department of Physical Medicine & Rehabilitation. Prince Visiting Physiatrist Fellowship

1995 University of Michigan Medical Center. Department of Physical Medicine & Rehabilitation. James W. Rae Scientific Day and Lecture - guest lecturer

2000 United Cerebral Palsy Research & Educational Foundation. Isabelle and Leonard H. Goldenson Technology Award. Awarded for advances in the Development and utilization of technology to improve the quality of life in Persons with cerebral palsy or other disabilities and their families.  
June 10, 2000 – New Orleans, Louisiana

### **Specialty Board Certifications**

1977 American Board of Pediatrics, July - #20375  
Recertified: May 1985; July 1992

1977 American Board of Physical Medicine & Rehabilitation, July - #1236

1989 American Board of Electrodiagnostic Medicine, May - #95

2003 American Board of Physical Medicine and Rehabilitation, Subspecialty Board  
Pediatric Rehabilitation Medicine, #5

### **Licensure**

1973 Ohio, National Medical Boards, August (#35998)

1978 Virginia, December (#29887 – lapsed)

1979 Pennsylvania, September (#022782-E)

1981 West Virginia (#12146 - lapsed)

1987 Delaware, March (Reciprocity - #C1-0002882)

1999 New Jersey, September (MA069739)

### **Previous Academic and Hospital Appointments**

1975 Chief Resident, Physical Medicine, Ohio State University

1976 Assistant Professor, Physical Medicine, Ohio State University

1979 Clinical Assistant Professor, Physical Medicine, Ohio State University

1976 Assistant Professor, Pediatrics, Ohio State University

1977-79 Medical Director, Orthotics Clinic, Ohio State University

1977-79 Medical Director, Easter Seal Rehabilitation Center, Columbus, Ohio

1979-87 Medical Director, D.T.Watson Rehabilitation Hospital, Sewickley, PA

1979-87 Medical Director, Children's Hospital of Pittsburgh, Handicapped Children's Unit

1983-84 Medical Director, Children's Hospital of Pittsburgh, Child Development Unit

1979-87 D.T. Watson Rehabilitation Hospital (Active)

1980-87 Children's Hospital of Pittsburgh (Active)

1980-87 Allegheny General Hospital (Courtesy)

1980-87 Sewickley Valley Hospital (Consulting)

1980-87 Harmarville Rehabilitation Center (Consulting)

1985-87 Aliquippa Hospital (Consulting)

1985-87 Canonsburg Hospital (Consulting)

1985-87 Children's Home of Pittsburgh (Consulting)

1988-95 St. Francis Hospital, Wilmington, DE  
1992-96 Children's Rehab Hospital, Philadelphia, PA  
1997-2006 Bryn Mawr Rehabilitation Hospital ( Courtesy)

### **Current Hospital Appointments**

1987 - Alfred I. duPont Hospital for Children (Active)  
1990 - Thomas Jefferson University Hospital (Associate)  
1990 - Medical Center of Delaware (Consultant)

### **Editorial Activities**

1980- Manuscript Reviewer, Archives of Physical Medicine & Rehabilitation  
1984-1993 Manuscript Reviewer, American Journal of Physical Medicine and  
Rehabilitation  
1984- Editorial Advisory Board, Advances in Clinical Rehabilitation,  
Springer Publishing Company  
1987-1997 Board of Reviewers, The Journal of Cognitive Rehabilitation  
1992- Editorial Board, Journal of Neurologic Rehabilitation

### **Professional Organization Memberships and Positions**

1977- American Academy of Pediatrics Fellow  
1977- American Academy of Physical Medicine & Rehabilitation Fellow  
1977- American Academy of Electromyography & Electrodiagnosis  
1977-1996 American Congress of Rehabilitation Medicine (Active)  
1978- American Academy for Cerebral Palsy & Developmental Medicine Fellow  
1979- American Medical Association  
1980-85 Secretary, Pediatric Physiatry Group  
1980-91 Medical Surveyor, Commission on Accreditation of Rehab. Facilities  
1980-85 Member, Ad Hoc Committee, Children's Rehabilitation, American Congress  
of Rehabilitation Medicine  
1981-86 American Academy of Cerebral Palsy & Developmental Medicine,  
Chairman, Research & Awards Committee  
1982 Association of Academic Physiatrists (Fellow)  
1982-95 Liaison Delegate to American Academy of Cerebral Palsy & Developmental  
Medicine from American Academy of Physical Medicine & Rehabilitation  
1983 Director, Regional Course, American Academy of Cerebral Palsy,  
Pittsburgh, PA  
1983-85 Chairman, Program Committee, Pediatric Rehabilitation Section, American  
Academy of Physical Medicine & Rehabilitation  
1983-85 Consultant to Committee on Recertification, American Board of Pediatrics  
1983-87 Chairman, Pediatric Section, International Rehabilitation Medicine Assoc.  
1983-87 Consultant to Human Rights Committee, Children's Hospital of Pittsburgh  
1985-87 Pediatric Rehabilitation Representative to the Special Interest Practice  
Committee of the American Academy of Physical Medicine & Rehabilitation  
1985-88 Vice President, Board of Directors, CAREBREAK, Pittsburgh, PA  
1986-88 Member, Scientific Program Committee American Academy of Cerebral  
Palsy & Developmental Medicine  
1987 Chairman, Scientific Program Committee, American Academy of Cerebral  
Palsy & Developmental Medicine  
1987-90 Chairman, Medical Records Committee, Alfred I. duPont Hospital for Children,  
Wilmington, DE  
1987-90 Quality Assurance Committee, duPont Hospital for Children, Wilmington, DE  
1987-91 Chairman, Transition of Disabled Adolescents Coordinating Council for the  
Handicapped Child of DE, Inc.  
1987-91 Treasurer American Academy of Cerebral Palsy & Developmental Medicine

1987-93 1987	Medical Records Committee, duPont Hospital for Children, Wilmington, DE National Advisory Committee on Infant & Early Childhood Developmental Program , for the Commission on Accreditation of Rehabilitation Facilities
1987-89 1987	Delaware Liaison AAEE Professional Standards Committee Delaware Wheelchair Games, Medical Advisor, duPont Hospital for Children, Wilmington, DE
1988- 1988-94	American Spinal Injury Association Scientific Program Committee (Chair, 1994), American Academy of Physical Medicine & Rehabilitation
1988	Participant DHHS Maternal Child Health Grant, Focus on the Neurologically Impaired Child
1988-94 1988-97 1988-	Medical Advisory Board, Delaware Head Injury Foundation School Board, Corpus Christi School, Hockessin, DE American Board of Pediatrics, Associate Member Sub-Committee Recertification
1988-91	Easter Seal Society of Del Mar Inc, Center for Independent Living Ctr. Board Member
1989-91 1989-91 1989-91 1989-93 1990- 1990	Consultant to Project Hope for Pediatric Rehabilitation, Krakow, Poland Nominating Committee Association of Academic Physiatrists Bylaws Committee, duPont Hospital for Children, Wilmington, DE Delaware Coalition to Prevent Childhood Injury, Wilmington, DE International Rehabilitation Medicine Association Rehabilitation Issues Conference-Research Agenda for the Next Decade, National Institute of Health
1990- 1990- 1990-96 1991-94	Delaware Medical Society, Public Laws Committee Delaware PM&R Society President (1991-1994) Delaware Architectural Accessibility Board President-Elect, Past President, American Academy of Cerebral Palsy and Developmental Medicine
1991-97 1994-98	Board of Trustees, Commission on Accreditation of Rehabilitation Facilities Member, National Advisory Board on Medical Rehabilitation Research, National Institute of Child Health & Human Development, NICHD
1994-98 1994- 1994-2000 1994-96 1995-2003	Director Trustee New Castle County Medical Society, Delaware International Association for the Study of Traumatic Brain Injury Trustee, Wilmington Ronald McDonald House Board Quality Assurance Committee, duPont Hospital for Children, Wilmington, DE Scientific Advisory Board, United Cerebral Palsy Research & Education Foundation
1997- 1997-98 1998-99 1999-2000 2000-2004 2000-2001 2000 2000-2005	Executive Committee Delaware Medical Society Vice President Delaware Medical Society President-Elect Delaware Medical Society President, Medical Society of Delaware (November 1999 to November 2000) National Patient Safety Foundation, Board of Directors Immediate Past President, Medical Society of Delaware Delaware Foundation for Medical Services, Chairman Associate Member, American Board of Physical Medicine & Rehabilitation – Subcommittee on Pediatric Rehabilitation
2000-2007 2003-2005 1998-2004	Medical Executive Committee, A. I. DuPont Hospital for Children Patient Quality Committee, A. I. DuPont Hospital for Children Committee on Testing Accommodations for Candidates with Disabilities, The American Board of Pediatrics
2004 - 2006	Delaware Institute of Medical Education and Research (DIMER) – Board of Directors Director Pediatric Rehabilitation Medicine Program, Alfred II. duPont Hospital

### **Teaching Positions**

1987-	Lecturer, Orthopedic Core Curriculum, Alfred I. duPont Hospital for Children
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1987-	Lecturer, Pediatric Educational Conference, Alfred I. duPont Hospital for
1987-	Course Director, Annual Pediatric Rehabilitation Conference, duPont Hospital for Children, Wilmington, DE
1987-	Preceptor in Pediatric Physical Medicine and Rehabilitation, 2nd & 3rd Year Pediatric Residents, Medical Center of DE and Jefferson Medical College
1987-	Preceptor in Pediatric Physical Medicine and Rehabilitation, 2nd and 3rd Year Physical Medicine & Rehabilitation Residents, Temple University, Jefferson Medical College, National Rehab Hospital
1988-1996	Fellow in Pediatric Physical Medicine and Rehabilitation, Lecturer, 1st Year Medical Students, Physician & Society on the Handicapped Child, Thomas Jefferson Medical College
1988-	Lecturer, Residents at Jefferson Medical College Department of PM&R and Temple University Dept. of PM&R, Philadelphia, PA
1988-1992	Lecturer, Occupational Therapy Students, Thomas Jefferson University

### **Research Grants**

U.S. Department of Education Grant, National Institute on Disability & Rehabilitation. Research Project Title Rehabilitation Engineering Center, "Rehabilitation Robotics to Enhance the Functioning of Individuals with Disabilities". Award Number H113E30013 - Project Advisor. November 1994, \$696,000/year for 5 years.

NICHD, Peer Review, Special Review Committee of Program Project Applications. HDMRSV-19; 1993.

### **Publications**

#### **PEER-REVIEWED PAPERS\***

\***Alexander, M.A.**, Bunch, W., and Ebesson, S.: Can Dorsal Root Rhizotomy Produce Scoliosis? J. Bone Joint Surg., 54A(7): 1509, October 1972.

\*Johnson, E.W., Weingarden, H., and **Alexander, M.A.**: Asymmetric Iliotibial Band Contracture Following Muscle Biopsy: Case Report. Arch. Phys. Med. Rehabilitation., 58:28, January 1977.

\*Johnson, E.W., **Alexander, M.A.**, and Koenig, W.C.: Infantile Erb's Palsy (Smellie's Palsy). Arch. Phys. Medicine Rehabilitation., 58:175-178, April 1977.

\***Alexander, M.A.**, and Season, E., : Electrodiagnostic Study of Idiopathic Scoliosis. Arch. Phys. Med. Rehabilitation, 59(7):314-315, July 1978.

\***Alexander, M.A.**, Johnson, E.W., Petty, J., and Stauch, D.: Mechanical Ventilation of Patients with Late-Stage Duchenne Muscular Dystrophy Management in the Home. Arch. Phys. Med. Rehabilitation, 60:289-292, July 1979.

\***Alexander, M.A.**, Wright, E.S., Wright, J.B., and Bidowski, J.B.: Lymphedema Treated with a Wright Linear Pump: Pediatric Case Report. Arch. Phys. Med. Rehabilitation., 64:132-133, March 1983.

\*Cosgrove, J.L., **Alexander, M.A.**, Kitts, E.L., Swan, B.E., Klein, M.J., and Bauer, R.E.: Late Effects of Poliomyelitis. Arch. Phys. Med. Rehabilitation, 68:4-7, January 1987.

\*Klein, M.J., **Alexander, M.A.**, Wright, J.M., Redmond, C.K., and LeGasse, A.A.: Treatment of Adult Lower Extremity Lymphedema with the Wright Linear Pump: Statistical Analysis of a Clinical Trial. Arch. Phys. Med. Rehabilitation, 69:202-206, March 1988.

\***Alexander, M.A.**: Post-Polio Syndrome-A Model for Understanding Aging with Pediatric Onset Disability. Del. Med. Journal, 62:1055, 1990.

- \*Lee, M., **Alexander, M.A.**, Miller, F., Steg, N.L., McHugh, B.A.: Post-Operative Heterotopic Ossification in a Cerebral Palsy Child: 3 Case Reports. Archives of PM&R, Vol. 73(3):289-292, March 1992.
- \*Citta-Pietrolungo, T.J., **Alexander, M.A.**, Steg, N.L.: Early Detection of Heterotopic Ossification in the Young Patient with Traumatic Brain Injury. Archives of PM&R, Vol. 73(3):258-262. March 1992.
- \*Ramlow, J., **Alexander, M.A.**, LaPorte, R., Kauffman, C., Kuller, L.: Epidemiology of the Post-Polio Syndrome. Am J of Epidemiology. Vol. 136(7):769-786. October 1992.
- \*Sobus, K., Sherman, N., **Alexander, M.A.**: Coexistence of Deep Venous Thrombosis and Heterotopic Ossification in the Pediatric Patient. Archives of PM&R. Vol.74, 547-551. May 1993.
- \*Sobus, K., **Alexander, M.A.**, Harcke, H.T.: Undetected Musculoskeletal Trauma in Children with Traumatic Brain Injury or Spinal Cord Injury. Archives of PM&R. Vol. 74, No.9, Pages 902-904. 1993.
- \*Citta-Pietrolungo, T.J., **Alexander, M.A.**, Cook, S., Padman, R.: Complications of Tracheostomy & Decannulation in Pediatric & Young Patients with Traumatic Brain Injury. Archives of PM&R. Vol. 4(9):905-910. 1993.
- \*Anmuth, C., Ross, B., **Alexander, M.A.**, Reeves, G.: Chronic Syndrome of Inappropriate Secretion of Antidiuretic Hormone in a Pediatric Patient after Traumatic Brain Injury. Archives of PM&R. Vol. 74(11):1219-1221. 1993.
- \*Mandell, G., **Alexander, M.A.**, Harcke, H.: A Multi Scintigraphic Approach to Imaging of Lymphedema and other causes of the Congenitally Enlarged Extremity. Seminars in Nuclear Medicine. Vol. 23, No. 4, Pages 334-346. 1993.
- \*Sobus, K., Cawley, M., **Alexander, M.A.**: Pulmonary Embolism in the Traumatic Brain Injured Adolescent: Report of Two Cases. Archives of PM&R. Vol.75:362-364. 1994.
- \*Rachmand, T., Stroud, S., Ramanathan, R., **Alexander, M.**, Seliktar, R., Harwin, W.: Task Priorities & Design for an Arm Orthosis. Technology & Disability 4(2):197-204. 1996.
- \*Cooper, R., Quatrano, L., Axelson, P., Harlan, W., Stineman, M., Franklin, B., Krause, S., Bach, J., Chambers, H., Chao, e., **Alexander, M.**, Painter, P.: Research on Physical Activity & Health Among People with Disabilities: A Consensus Statement. Journal of Rehabilitation Research & Development. Volume 36, No. 2, Pages 142-154. April 1999.
- \*Hermann, R., Phalangas, A., Mahoney, R., **Alexander, M.**: Powered Feeding Devices: An Evaluation of Three Models. Archives Physical Medicine Rehabilitation. Volume 80. October 1999.
- \*Ramanathan, R., Eberhardt, S., Rhaman, T., Sample, W., Seliktar, R., **Alexander, M.**: Analysis of Arm Trajectories of Everyday Tasks for the Development of an Upper-Limb Orthosis. IEEE Transactions on Rehabilitation Engineering. Volume 8, No. 1, Pages 60-70. March 2000.
- Rahman, R., Sample, W., Seliktar, R.; **Alexander, M.A.**, Scavina, M: A body-powered functional upper limb orthosis. Journal of Rehabilitation Research and Development. Vol. 37, No. 6, Pages 675-680. November/December 2000.
- Rahman, T., Ramanathan, R., Stroud, S., Sample, W., Seliktar, R., Harwin, W., **Alexander, M.**, Scavina, M: Towards the control of a powered orthosis for people with muscular dystrophy. Proc Instn Mech Engrs. Volume 215, Part H. Pages 267-274. 2001
- Rahman, T., Sample, W., Jaykumar, S., King, M., Wee, J., Seliktar, R., **Alexander, M.**, Scavina, M., Clark, A., Passive exoskeletons for assisting limb movement. Journal of Rehabilitation Research and Development Volume 43 No. 5, 583-590, 2006

Rahman, T., Sample, W., Seliktar, R., Scavina, M.T, Clark, A. L., Moran, K., and **Alexander, M. A.** Design and Testing of a Functional Arm Orthosis in Patients with Neuromuscular Diseases. IEEE Transactions on Neural Systems and Rehabilitation Engineering Vol. 15, No 2 pages 244-251 June 2007

### **PEER-REVIEWED ABSTRACTS\***

\*Johnson, E.W., **Alexander, M.A.**, Weingarden, H.P.,: Asymmetric Iliotibial Band Tightness after Muscle Biopsy. Arch. PM&R. 56:545. 1975.

\*Johnson, E.W., **Alexander, M.A.**, Koenig, W.,: Erb's Palsy: Natural History. Arch. of PM&R. 56:545. 1975.

\***Alexander, M.**,: EMG Studies and Idiopathic Scoliosis. Arch. of PM&R. 57:517. 1976.

\*Johnson, E.W., **Alexander, M.A.**, Petty, J., Stauch, D.,: Mechanical Ventilation in Late-Stage Duchenne Dystrophy. Arch. of PM&R. 57:517. 1976.

\***Alexander, M.A.**, Piedmont, A., Fletcher, P.W., King, W.M., Miller, C.A.,: Cerebellar Pacemaker Evaluation Using Audio-Visual Assistance. Arch. of PM&R. 58:511. 1977.

\***Alexander, M.A.**, Aseff, J.N., Ertel, I., Gardner, M.,: Hemiplegic Role of the Physiatrist and Physical Therapist in its Management. Arch. of PM&R. 58:524. 1977.

\***Alexander, M.A.**, Campbell, H., Fletcher, P., Hubbell, S.,: Adapted Seating Clinic: An Interdisciplinary Approach. Arch. of PM&R. 59:519. 1978.

\***Alexander, M.A.**, Parker, Jr., W.D., Mills, P.R.,: Arthrogyrosis with Narrow Cervical Canal. Arch. of PM&R. 59:521. 1978.

\***Alexander, M.A.**, Hubbell, S., Gardner, M., Deubler, D.,: Three-Year Experience with Problem Oriented Charting and Interdisciplinary Goal Setting in the Outpatient Management of Pre-School Disabled Children. Arch. of PM&R. 60:562. 1979.

\*Cosgrove, J.L., **Alexander, M.A.**,: Late Effects of Poliomyelitis. Arch. of PM&R. 66:531. 1985.

\*Stone, J.D., Newell, T.L., Newton, R.H., **Alexander, M.A.**,: Locked-In Syndrome: A Case Report, Treatment and Review of Literature. Arch. of PM&R. 66:570. 1985.

\*Klein, M.J., Piedmont, C., **Alexander, M.A.**, Wright, J.M.,: Treatment of Adult Lower Extremity Lymphedema with the Wright Linear Pump: Statistical Analysis of a Clinical Trial. Arch. of PM&R. 67:619. 1986.

\*Ramlow, J.N., **Alexander, M.A.**, Kaufman, C.L., Besignani, M.B., LaPorte, R.E.,: Validation of a Survey to Assess Post-Polio Syndrome on Population Studies. American Journal of Epidemiology. 126:777. 1987.

\*Jacobs, L., Magnuson R., **Alexander, M.A.**,: Lymphedema Treatment: Precision of Pneumatic Compression Devices. Archives of PM&R. Vol. 72:(10), pg. 781. September 1991.

\*Mandell, G.A., **Alexander, M.A.**, Harcke, H.T., Maas, K., Ford, K., Cartner, T.,: A Multiscintigraphic Imaging Approach to Lymphedema. Journal of Nuclear Medicine. 33:874. 1992.

### **PAPERS, MONOGRAPHS, CHAPTERS, LETTERS TO THE EDITOR, MOVIES**

#### **CHAPTERS**

**Alexander, M. A.**, Turk, M.A.: Pediatric Considerations. IN: Johnson, E.W., ed: Practical Electromyography. Baltimore, Williams & Wilkins, 1980.

Molnar, G.E., **Alexander, M.A.**, Badell-Ribera, A., Eston, J.K.M., Eng, G.D., Halper, D., Matthews, D., Sturen, P.: Pediatric Rehabilitation. IN: Self-Directed Medical Knowledge Program. American Academy of Physical Medicine & Rehabilitation. Chicago, IL 1982.

Johnson, E.W., **Alexander, M.A.**,: Management of Motor Unit Disease. IN: Kottke, F.J., Stillwell, G.K., Lehman, J.F., eds: Krusen's Handbook of Physical Medicine & Rehabilitation. Philadelphia, PA. W.B. Saunders Co., 1982.

**Alexander, M.A.**,: Rehabilitation of Children. IN: Basemajian, J.V., Kirby, R.L., eds.: Medical Rehabilitation. Baltimore, Williams and Wilkins, 1984.

**Alexander, M.A.**,: Orthotics, Adapted Seating, and Assistive Devices. IN: Molnar, G., ed.: Pediatric Rehabilitation. Baltimore, Williams & Wilkins, 1985.

**Alexander, M.A.**,: Late Failures of Comprehensive Rehabilitation. IN: Gibson, W.M., ed., The Care of Chronically Ill Children and Their Families - The Pennsylvania Conference. Elizabethtown, Resource Center, Pennsylvania State University, 1985.

Frankoff, D., **Alexander, M.A.**,: The Child & Technology. IN: Eisenberg, M., ed.: Advances in Clinical Rehabilitation. New York, Springer-Verlag, 1987.

**Alexander, M.A.**, Bauer, R.E.: Cerebral Palsy, IN: Van Hassett, V.B., Strain, P.S., Hersen, M. Handbook of Developmental & Physical Disabilities. New York, Pergamon Press, 1988.

**Alexander, M.A.**,: Cerebral Palsy. IN: Van Hassett, V.B., & Hersen, M ed. Psychological Aspects of Development & Physical Disabilities A CASEBOOK. Newbury park, Sage Publications, Inc. 1990.

**Alexander, M.A.**,: Sexuality and the Adolescent. IN: Sexual Rehabilitation of the Spinal Cord Injured Patient. ed. Leyson, J. Humana Press, Clifton, NJ, 1991.

**Alexander, M.A.**,: Demasco, P.W., Gilbert, M., Miller, L.J., Nelson, M.R., Shah, A.: Rehabilitation Technology for Disabled Children. Physical Medicine & Rehabilitation State of the Art Reviews. Vol. 5, No. 2, Hanley & Belfus, Inc. pp. 1-23. Philadelphia, PA. June 1991.

**Alexander, M.A.**, Nelson, M.R., Shah, A.: "Orthotics, Adaptive Seating and Assistive Devices". Pediatric Rehabilitation. Ed. Molnar, GE. Williams & Wilkens, Baltimore. pp: 181-210. 1992.

**Alexander, M.A.**, Nelson, M.R.: Aging with Pediatric Disability-Rehabilitation of the Aging & Elderly Patient ed Felsenthal, Garrison, & Steinberg. Williams Wilkins, Baltimore, MD. 1993.

**Alexander, M.A.**, Crowley, J., Patten, L., McHugh, B.A., : Disability From Injury & Rehabilitation in Pediatric Trauma Prevention Acute Care & Rehabilitation ed Eichelberger, M.R. Mosby St. Louis, Pages 769-786. 1993.

**Alexander, M.A.**,: Robotics and Other High Technology Options in the Child With a Spinal Cord Injury. Ed. Randal Betz and M.J. Mulcahey. Pub. American Academy of Orthopedic Surgeons. Rosemont, IL. Pages 751-761. 1996

**Alexander, M.A.**, Molnar, G.E.: History & Examinations. Pediatric Rehabilitation, 3<sup>rd</sup> Edition. Molnar, G.E., Alexander, M.A. Hanley & Belfus. Pages 1-12. 1999.

Easton, J.K., Rens, B., **Alexander, M.A.**,: Psychosocial Aspects of Childhood Disabilities. Pediatric Rehabilitation, 3<sup>rd</sup> Edition. Hanley & Belfus. 1999.



Miller, M.A., Koczur, E., Strine, C., Peischl, D., Lytton, R., **Alexander, M.A.**: Orthotic & Assistive Devices. Pediatric Rehabilitation, 3<sup>rd</sup> Edition. Hanley & Belfus. 1999.

Keenan, C., **Alexander, M.A.**, Sung, In-Young, Miller, F., Dabney, K.: Intrathecal Baclofen for the Treatment of Spasticity in Children. Physical Medicine and Rehabilitation: State of the Art Reviews. Hanley & Belfus, 2000.

Rahman, R., **Alexander, M.A.**: Robots and Other Technologies in Pediatric Rehabilitation. Physical Medicine and Rehabilitation: State of the Art Reviews. Hanley & Belfus, 2000.

Rossi, R., **Alexander, M.A.**: Pediatric Rehabilitation. Physical Medicine and Rehabilitation Board Review. Sara Cuccurullo, MD, Editor, Demos, 2004.

## MONOGRAPHS

**Alexander, M.A.**.: Management of Closed Head Injuries in Children. Delaware Medical Journal 60: 165-167, March 1988.

**Alexander, M.A.**, Steg, N.L.: Comprehensive Management of Myelomeningocele. Archives of Physical Medicine & Rehabilitation. August 1989.

McLean, D., Kaitz, E., Keenan, C., Dabney, K., Cawley, M., **Alexander, M.**.: Medical and Surgical Complications of Pediatric Brain Injury. Journal of Head Trauma Rehabilitation 10(5):1-12. 1995.

Ramanathan, R., Stroud, S., **Alexander, M.**.: Powered Orthosis Project Forum. ASEL Technical Report #ROB9405. Research supported by Grant #133E30013. National Institute on Disability & Rehabilitation Research NIDRR. 1996.

## EDITORIALS

**Alexander, M.A.**.: "Acquired Disabilities: New Directions" Developmental Medicine & Child Neurology, 35(9):753-4. September 1993.

**Alexander, M.A.**.: Lymphology - Lymphology, vol. 27, No. 1 Page 150. March 1994.

**Alexander, M.A.**.: A word about regulation. Delaware Medical Journal, March 2000, Vol. 72, No. 3; p 11.

**Alexander, M.A.**.: Charity. Delaware Medical Journal, June 2000, Vol. 72, No. 6; p 237-238.

**Alexander, M.A.**.: Dealing with insurance industry hassle factors. Delaware Medical Journal, October 2000, Vol. 72, No. 10; p 421-422.

**Alexander, M.A.**.: Digging out of the hole. Delaware Medical Journal, January 2000, Vol. 72, No. 1; p 10.

**Alexander, M.A.**.: For the good of all children. Delaware Medical Journal, July 2000, Vol. 72, No. 7; p 285-286.

**Alexander, M.A.**.: Gone Fishin!. Delaware Medical Journal, August 2000, Vol. 72, No. 8, p 337.

**Alexander, M.A.**.: Medical ethics. Delaware Medical Journal, April 2000, Vol. 72, No. 4; p 157-58.

**Alexander, M.A.**.: Practicing safer medicine. Delaware Medical Journal, February 2000, Vol. 72, No. 2, p 65-66.

**Alexander, M.A.:** President's report: A year in review. Delaware Medical Journal, December 2000, Vol. 72, No. 11; p 469-460.

**Alexander, M.A.:** Runaway truck. Delaware Medical Journal, September 2000, Vol. 72, No. 12.

**Alexander, M.A.:** The "informational highway". Delaware Medical Journal, May 2000, Vol. 72, No. 5; p 201-202.

## **ELECTRONIC PUBLICATION**

Xing, Y; **Alexander, M.A;** et al. "Lower Limb Orthotics". In: Meier III RH. eMedicine: Physical Medicine and Rehabilitation. St. Petersburg: eMedicine Corporation, 2000, 2001

Thorogood, C., **Alexander, M.A.** "Cerebral Palsy" In MEIR III RH eMedicine Physical Medicine and Rehabilitation St Petersburg eMedicine Corporation, 2000, 2001

## **FILMS**

"The Inelastic Band: Clinical Consequences of Iliotibial Band Contracture". Technical Assistant, Department of Photography & Cinema, Ohio State University, 1978.

"One Little, Two Little, Three Little Indians: Management of Infant Amputees". Technical Assistant, Department of Photography & Cinema, Ohio State University, 1978.

"The Courageous Mermaid: Teaching a Quad Amputee Independence in the Water". Technical Advisor, Easter Seal Rehabilitation Center (Crippled Children's Center) of Central Ohio, 1979.

## **POSTERS**

Weinstein, G., Faust, D., Padman, R., Krauss, M., **Alexander, M.**, "Interdisciplinary Rehabilitation of Severe Childhood Asthma". Academy of PM&R, October 1991.

Weaver, M., Nelson, M.R., Steg, N.L., **Alexander, M.**., "Pediatric Spinal Cord Injury After Gunshot Wounds: The Cost of Rehabilitation". Academy of PM&R, October 1991.

Weaver, M., Jacobs, L., **Alexander, M.**, dela Pena, C.,: "The 21st Century Physiatrist: Changing Perspectives on Fellowship Training". American Academy of Physical Medicine & Rehabilitation Meeting, Anaheim, CA. 1994.

Higgins, B., Cawley, M., **Alexander, M.**, Keenan, C., Griffin, G.,: "Stroke and Rehabilitation of a Pediatric Patient with Factor V - Mutation: Case Report". American Academy of Physical Medicine and Rehabilitation. Annual Meeting. Orlando, FL. November 1995, Abstract. Archives of Physical Medicine Rehabilitation. 76:1065. 1995.

Mahoney, R., **Alexander, M.**, Kasumovic, H., Strine, C., DeBaecke, M., Harron, W., King, M., Pierson, K.,: "An Evaluation of a Powered Feeding Device". American Academy of Cerebral Palsy & Developmental Medicine Annual Meeting. Philadelphia, PA. October 1995.

## **Textbooks**

Molnar, G.E., **Alexander, M.A.:** Pediatric Rehabilitation, 3<sup>rd</sup> Edition. Hanley & Belfus. Philadelphia, PA. 1999.

**Alexander, M.A.**, Molnar, G.E.: Physical Medicine and Rehabilitation: State of the Art Reviews, Vol. 14. No. 2. Hanley & Belfus, Philadelphia, PA. 2000

Miller, F., Dabney, K., **Alexander, M.**, Associate Editors. Cerebral Palsy, Springer, New York, 2005.

### **Invited Lectures and Addresses**

Talk entitled "Early Diagnosis of Cerebral Palsy", Grand Rounds, Jefferson University Hospital, Philadelphia, PA. July 1987.

Talk entitled "Sequelae of Polio After Twenty Years", Delaware Curative Workshop, Wilmington, DE. September 1987.

Talk entitled "Mild Closed Head Injury--Sequelae in Kids", Children's Rehabilitation Hospital, Philadelphia, PA. September 1987.

Talks entitled "Technology and Children", "Outcome Studies in Mild to Moderate Closed Head Injury in Children", Grand Rounds, Baptist Memorial and Nemours Clinic, Jacksonville, FL. October 1987.

Talk entitled "Pediatric Head Injury - ABC's of Reintegration", AAPM&R Annual Meeting, Orlando, FL. October 1987.

Talks entitled "Aspectos Medicos De Espina Bifida" "UMA Abordagem Sobre Cadeiras para Crianças Especiais" I Simposio Internacional de Criança Especial Tramandai, RS, Brasil. November 1987.

Talk entitled "Post Polio Syndrome", Easter Seal Society of Delaware, Wilmington, DE. February 1988.

Talk entitled "Rehab and What's Available", Coordinating Council and Alfred I. duPont Institute, Wilmington, DE. February 1988.

Talk entitled "Ten Commandments of an Interdisciplinary Team", Pediatric head Trauma Nursing Conference, Alfred I. duPont Institute, Wilmington, DE. March 1988.

Talk entitled "What Happens to your Child Medically After Discharge?", Head Injury Parent Support Group, Alfred I. duPont Institute, Wilmington, DE March 1988.

Talk entitled "Communication Within the Team", Rehabilitation Education Task Force, Alfred I. duPont Institute, Wilmington, DE. April 1988.

Talk entitled "Pediatric Seating", Rehabilitation Medicine Department Grand Rounds, Thomas Jefferson University, Philadelphia, PA April 1988.

Talk entitled "Early Diagnosis of CP", Orthopedics, Pediatrics, & Residents Alfred I. duPont Institute, Wilmington, DE. May 1988.

Talk entitled "Adults Need Adult Oriented Care. Youth in Transition: Developing Appropriate Survivors of Pediatric Disorders", Georgetown University Hospital, Sponsored by the Bureau of Maternal & Child Health. Baltimore, MD. May 1988.

Talk entitled "Neurologically Impaired Child", National Advisory Committee Meeting, Children's Hospital, Washington, DC. May 1988.

Talk entitled "New Rehab Technology - Pediatric Implication", Pediatric Conference, Alfred I. duPont Institute, Wilmington, DE. May 1988.

Talk entitled "Pediatric Seating", Rehabilitation Medicine Department Grand Rounds, Magee Rehabilitation Hospital, Philadelphia, PA. June 1988.

Talks entitled "Diagnosis of Cerebral Palsy" and "Technology and Children", Department of Orthopedics Teaching Conference, Alfred I. duPont Institute, Wilmington, DE. June 1988.

Talk entitled "Overview of New Rehabilitation Technology", Orthopedics, Pediatrics, Fellows, Alfred I. duPont Institute, Wilmington, DE. June 1988.

Talk entitled "Adaptive Seating", Orthotics Conference, Alfred I. duPont Institute, Wilmington, DE. September 1988.

Talk entitled "Pediatric Rehabilitation", 2nd Year Medical Students, Thomas Jefferson University, Philadelphia, PA. September 1988.

Talk entitled "Comprehensive Rehabilitation of TBI in Children - An Overview", Eric Denhoff Symposium, Providence, RI. September 1988.

Talk entitled "PM&R - Team Dynamics", Rehabilitation Medical Department Grand Rounds, Thomas Jefferson University, Philadelphia, PA. September 1988.

Talk entitled "Ventilator Dependency: Non-Invasive Alternatives & Technological Advances for Enhancing Functional Activity", AAPM&R/ACRM Annual Meeting, Seattle, WA. October 1988.

Talk entitled "Orthopedic Aspects of Rehabilitation", Orthopedic Residents, Alfred I. duPont Institute, Wilmington, DE. October 1988.

Talk entitled "Technology and Children", Course Director of Conference on Pediatric Rehabilitation, Krakow, POLAND. November 1988.

Talk entitled "Interdisciplinary Team Dynamics", Wilmington College of Nursing Students, Alfred I. duPont Institute, Wilmington, DE. November 1988.

Talks entitled "Post Polio Syndrome", "Early Diagnosis of CP", "Adaptive Seating", Detroit Physiatry Association, Detroit, MI. December 1988.

Talk entitled "Pediatric EMG's", The Philadelphia Society of Physical Medicine & Rehabilitation, Philadelphia, PA. December 1988.

Talks entitled "Cerebral Palsy", "Myelomeningocele" and "Adaptive Seating", Visiting Professor, National Rehabilitation Hospital, Washington, DC. January 1989.

Talks entitled "Spasticity", "Program Evaluation" and "Quality Assurance", Program Director, 2nd Annual Pediatric Conference, Horizons in the Rehabilitation of Childhood Spinal Injured", Alfred I. duPont Institute, Wilmington, DE. March 1989.

Talk entitled "Hypercalcemia in Spinal Cord Injured Patients", poster with Dr. Nina Steg, ASIA Annual Meeting, Las Vegas, NV. April 1989.

Talks entitled "Cerebral Palsy", "Duchenne Dystrophy", "Ped EMG", "Adaptive Seating", "Comprehensive Rehab of Pediatric Head Injury", Visiting Professor, Dept. of PM&R, University of Wisconsin. May 1989.

Talk entitled "Advanced Technology in Handicapped Children", Pediatric Grand Rounds, Children's Hospital, Milwaukee, Wisconsin. May 1989.

Talk entitled "Spasticity", Children's Rehab Hospital, Philadelphia, PA. May 1989.

Talk entitled "Management of Spasticity in TBI", the Post Graduate Course on Rehabilitation of the Brain Injured Adult & Child", Medical College of VA, Williamsburg, VA. June 1989.

Talk entitled "Surgical & Pharmacologic Management of Cerebral Palsy", Children's Rehabilitation Hospital, Philadelphia, PA. June 1989.

Talk entitled "Interdisciplinary Process: 10 Commandments", Middle Management, Alfred I. duPont Institute, Wilmington, DE. July 1989.

Talk entitled "Spinal Cord Injury", Orthopedic Residents, Alfred I. duPont Institute, Wilmington, DE. August 1989.

Talk entitled "Integrating Multidisciplinary Notes", Nursing Conference, Alfred I. duPont Institute, Wilmington, DE. September 1989.

Talk entitled "Pediatric Head Injury Rehabilitation - General Medical Issues", Project Hope, Krakow, POLAND. September 1989.

Talk entitled "Conference on Late Effects of Polio", Easter Seals Conference, Bethlehem, PA. October 1989.

Talks entitled "Post Polio Syndrome", "Rehabilitation and Nursing", AACPDM Annual Meeting, San Francisco, CA. October 1989.

Talk entitled "Least Restrictive Environment", Delaware School Nurse Association, Dover, DE. November 1989.

Talk entitled "Complications of Tracheostomy & Decannulation in Pediatric Patients with Traumatic Brain Injury", AAPM&R Scientific Paper, San Antonio, TX. November 1989.

Talk entitled "Aging with Pediatric Disability", Kent County Medical Society, DE. November 1989.

Talk entitled "Clinical Team Building", Clinical Lab Staff, Alfred I. duPont Institute, Wilmington, DE. November 1989.

Talk entitled "Treatment of Post-Traumatic Epilepsy in Children & Adolescents Following Severe Head Injury", poster with Dr. W. Borkowski, American Epilepsy Society, Boston, MA. December 1989.

Talk entitled "Transitioning of Young Adults with Multiple Disabilities into Adult health Care", Pediatric Grand Rounds, Medical Center of Delaware, Wilmington, DE. January 1990.

Talk entitled "Pediatric Medicine & Team Dynamics", Neumann Nursing Students, Alfred I. duPont Institute, Wilmington, DE. January 1990.

Talk entitled "Early Diagnosis of Cerebral Palsy", Primary Care Physician Seminar, Alfred I. duPont Institute, Wilmington, DE. February 1990.

Talk entitled "Neuro Rehabilitation", Pediatric Grand Rounds, Jefferson Medical College, Philadelphia, PA. February 1990.

Talk entitled "Spasticity in TBI", 3rd Annual Pediatric Rehabilitation Conference, Alfred I. duPont Institute, Wilmington, DE. March 1990.

Talk entitled "Pediatric Electromyography", 17th Annual Course in Electrodiagnosis, Thomas Jefferson University, Philadelphia, PA. April 1990.

Talk entitled "Management of Spasticity, Traumatic Brain Injury: Clinical Management Issues", Northeastern Ohio University College of Medicine, Cuyahoga Falls, Ohio. May 1990.

Talk entitled "Lessons from the Past for the Future", American Academy of Cerebral Palsy Regional Conference, Alfred I. duPont Institute, Wilmington, DE. May 1990.

Talk entitled "Comprehensive Rehabilitation of Spina Bifida", Project Hope, Krakow, POLAND. May 1990.

Talk entitled "Medical Problems in the Traumatic Brain Injured Child", Scranton Medical Center Department of Surgery, Scranton, PA. July 1990.

Talks entitled "Lymphedema: Overview of Anatomy, Physiology and Etiology", "Physical Assessment and Treatment Protocols", Nancy Gossiter Foundation, Englewood, Colorado and Swedish Medical Center. September 1990.

Talks entitled "Management of Spinal Cord Injured Patients", "Comprehensive Management of Spinal Cord Injured Child", "Sexuality of the Disabled Adolescent", Eastern Virginia Medical School 5th Annual Advanced Conference, Norfolk, VA. October 1990.

Talks entitled "Cerebral Palsy Rehabilitation: Seating & Mobility", "Spasticity in Children", "Lymphedema in Children", "Rehabilitation of the Post-Polio Survivor", American Osteopathic College of Rehabilitation Medicine, AOA Annual Meeting, Las Vegas, Nevada. November 1990.

Talk entitled "From Disabled Child to Enabled Adult", Course Director of Annual Rehabilitation Conference, Alfred I. duPont Institute, Wilmington, DE. March 1991.

Talk entitled "Expectations and Appraisals of Physical & Occupational Therapies in Pre-School and School Aged Handicapped Children", Jersey Shore Medical Center and Child Evaluation Center 1991 Update, Neptune, NJ. April 1991.

Talk entitled "Cerebral Palsy, Muscular Dystrophy & Seating", Visiting Professor Lecture, New Jersey Medical College, Robert Wood's Rehabilitation Center, Department of PM&R. April 1991.

Talks entitled "Cerebral Palsy", "Muscular Dystrophy and Seating", "Spina Bifida", "CNS Rehab Trauma in Children", "Musculoskeletal Problems of Children", Full-day Resident Lecture, Jefferson Medical College, Philadelphia, PA. April 1991.

Talk entitled "Pediatric Electromyography", 18th Annual Course in Electrodiagnosis, Jefferson medical College, Philadelphia, PA. April 1991.

Talk entitled "Techniques of Pediatric EMG", 10th Annual Jefferson Physical Medicine all City EMG Course, Philadelphia, PA. May 1991.

Talk entitled "Rehab of Pediatric Central Nervous System Trauma", Milford Hospital Trauma Team, Milford, DE. May 1991.

Talk entitled "Transition from Childhood to Adulthood - Medical Issues & Rehabilitation of Spina Bifida", Children's Rehab Hospital Annual Spina Bifida Symposium, Philadelphia, PA. June 1991.

Talk entitled "Interdisciplinary Dynamics", Children's Rehab Hospital Pediatric Grand Rounds, Philadelphia, PA. September 1991.

Talks entitled "Taking Steps Toward Recovery, Neurologic Interventions for Children, Adolescents & Young Adults", New Medico Seminar. "Pharmacological Interventions for the Child with Brain Injury", "The Efficacy of Rehab Services for Children", Philadelphia, PA. September 1991.

Talks entitled "Infants Stress Implications for Intervention", Allegheny General Hospital Annual Conference on Issues & Infancy, Dept. of Pediatrics, "Therapy and Infants: Where's the Proof?", Pittsburgh, PA. October 1991.

Talk entitled "Neurologic Diseases of Children", Thomas Jefferson Medical University, Undergraduate Physical Therapy Students, Philadelphia, PA. October 1991.

Talks entitled "Interdisciplinary Dynamics", Pediatric Secretarial Support Staff Group, Alfred I. duPont Institute, Wilmington, DE. November 1991.

Talks entitled "Medical Aspects of Pediatric Head Injuries", "Long Term Outcomes of Pediatric Head Injuries", "Long Term Outcomes of Pediatric Head Injuries", Current Concepts in Pediatric Therapy, Meeting Planners, Inc., Williamsburg, PA. January 1992.

Talk entitled "Rehabilitation: Do We Spend Wisely?", Pediatric Rehabilitation Management for the Future, Alfred I, duPont Institute, Wilmington, DE. March 1992.

Talk entitled "Physiatrists Perspective on Early Diagnosis of Cerebral Palsy", Motor Behavior Theory to Practice Essays in Honor of Dr. Lawrence T. Taft, UMDNJ Wood Johnson Medical School, New Brunswick, NJ. April 1992.

Talk entitled "Early Diagnosis & Intervention in Cerebral Palsy: Update of Neurologic Sequelae in Babies with AIDS", Pediatric Symposium: Issues in Early Diagnosis & Intervention, Doylestown Hospital Rehabilitation Center, Doylestown, PA. April 1992.

Talk entitled "Pediatric Electromyography", 19th Annual Course in Electrodiagnosis, Jefferson Medical College, Philadelphia, PA. April 1992.

Talk entitled "Medical Problems in Pediatric Traumatic Brain Injury", Pediatric Trauma, Medical Center of Delaware, Wilmington, DE. June 1992.

Talk entitled "Interdisciplinary Dynamics", Children's Rehab Hospital, Pediatric Grand Rounds, Philadelphia, PA. September 1992.

Talk entitled "Fulfilling the Promise", 46th Annual Meeting, American Academy for Cerebral Palsy & Developmental Medicine, San Diego, CA. September 1992.

Talk entitled "Brain Injury and Rehabilitation", Primary Care Physician Seminar Series, Alfred I. duPont Institute, Wilmington, DE. October 1992.

Talks entitled "Scoliosis", "Pediatric Diseases", Thomas Jefferson University Hospital, Philadelphia, PA. October 1992.

Talk entitled "Medical Problems in Traumatic Brain Injury in Children", Pediatric Residents, Alfred I. duPont Institute, Wilmington, DE. November 1992.

Talk entitled "Confronting our Future", American Academy of Physical Medicine and Rehabilitation, 54th Annual Assembly, San Francisco, CA. November 1992.

Talk entitled "Early Diagnosis of Cerebral Palsy", Medical Lecture Series, Children's Rehab Hospital, Philadelphia, PA. January 1993.

Talk entitled "Post Polio Syndrome", Professional Rehabilitation Network, Delran, NJ. February 1992.

Talk entitled "Traumatic Brain Injury in Children", Valley Forge Pediatric Society, Valley Forge, PA. February 1993.

Talk entitled "Acute Medical Problems in the Child with TBI", 5th Annual Pediatric Rehabilitation Conference: Community Re-Entry for the Child with Traumatic Brain Injury, Alfred I. duPont Institute, Wilmington, DE. March 1993.

Talk entitled "Post Polio", Post Polio Syndrome Support Group, Wilmington, DE. April 1993.

National Invitational Colloquium on Aging & Cerebral Palsy, United Cerebral Palsy Association Annual Conference, Alexandria, VA. April 1993.

Talk entitled "Pediatric Electromyography", 20th Annual Course in Electrodiagnosis, Thomas Jefferson Medical College, Philadelphia, PA. May 1993.

Talk entitled "Team Dynamics", Nursing Case Managers series, Alfred I. duPont Institute, Wilmington, DE. May 1993.

Talks entitled "Overview on Recent Trends in Cerebral Palsy", "The Upper Limb", "Neuro-orthopedic Problems in Children: Open Clinic", International Conference & Updating Course on the Orthopedic Treatment of Cerebral Palsy, Milan, ITALY. May 1993.

Talk entitled "Unintentional Pediatric Gunshot Wounds: The Cost of Rehabilitation", 2nd World Conference on Injury Control, Atlanta, GA. May 1993.

Talk entitled "Colloquium on Aging with Cerebral Palsy", New York State Developmental Disabilities Planning Council, Alexandria, VA. May 1993.

Talk entitled "Team Dynamics", Rehabilitation Team Education Committee Workshop, Alfred I. duPont Institute, Wilmington, DE. June 1993.

Talk entitled "Spasticity", Pediatric Psychology Seminar, Alfred I. duPont Institute, Wilmington, DE. July 1993.

Talks entitled "TBI in Children & Adolescents Creating the Necessary Environment", "Medical Management of TBI", Northern Rockies Brain Injury Symposium, Missoula, Montana. August 1993.

Talks entitled "Myelodysplasias", "Traumatic Brain Injury", "Muscular Dystrophy", "Aging with Pediatric Disabilities", 5th Annual Convention Seccion de Fisiatria, Ponce, PUERTO RICO. September 1993.

Talk entitled "Overall Goals of Rehabilitation in Cerebral Palsy", Cerebral Palsy, A New Era of Technology, Therapeutic Options & Social Responsibility, JFK Rehabilitation Institute, Edison, NJ. September 1993.

Talk entitled "Pediatric Diseases", Jefferson University Physical Therapy Undergraduate Students, Philadelphia, PA. October 1993.

Talk entitled "Cerebral Palsy", Physical Therapy Undergraduate Students, University of Delaware, Newark, DE. November 1993.

Talk entitled "Pediatric Head Injury Rehabilitation", Pediatric Trauma Topics, Lancaster General Trauma Center, Lancaster, PA. November 1993.

Talk entitled "Early Diagnosis of Cerebral Palsy", Intercity Peds Course for Thomas Jefferson University & Alfred I. duPont Institute, Wilmington, DE. February 1994.

Talk entitled "Pediatric Electromyography", Jefferson Medical College, 21st Annual Course in Electrodiagnosis, Philadelphia, PA. February 1994.

Talk entitled "Management of Lymphedema in Children", IRMA VII, Washington, DC. April 1994.



Talks entitled "Rehabilitation Pediatric Traumatic Brain Injury". "Early Diagnosis of Cerebral Palsy", Resident Lecture Series, Alfred I. duPont Institute, Wilmington, DE. April 1994.

Talk entitled "Rehabilitation: Learning from One Another", "Aging and Pediatric Onset Disabilities", 6th Annual Pediatric Rehabilitation Conference, Alfred I. duPont Institute, Wilmington, DE. May 1994.

Talk entitled "Interface Issues Inherent to Design of Devices for Individuals with Physical Disabilities", Educational & Vocational Applications of Rehabilitation Robotics, sponsored by Rehabilitation Engineering Research Center on Rehabilitation Robotics of the University of Delaware & the Alfred I. duPont Institute, Wilmington, DE. June 1994.

Talk entitled "Rehabilitation Issues", 4th Annual Conference, Head Injury: Assessing the System, Delaware Head Injury Foundation (Wilmington, DE), Christiana Hilton, Newark, DE. September 1994.

Talk entitled "Sequelae of TBI in Children", 5th Annual Children's Seashore House Symposium on Advances in Developmental Disabilities, Stokes Auditorium, The Children's Hospital of Philadelphia, Philadelphia, PA. September 1994.

Talk entitled "Caring for the Medically Fragile Infant", The Department of Services for Children, Youth & Their Families, Milford, Odessa, & Newark, DE. October 1994.

Talk entitled "History & Evolution of Pediatric Rehabilitation", Pediatric Rehabilitation: Established Standards & Unique Needs, The Emergency Medical Services for Children & the Missouri Department of Health, Kansas City, Springfield, Columbia, MO. October 1994.

Talk entitled "Comprehensive Management of Cerebral Palsy & Its Complications - Cerebral Palsy: A Primary Care Approach", Spaulding Rehabilitation Hospital, Harvard Medical School, Dept. of Medical Education, Boston, MA. November 1994.

Talks entitled "Early Diagnosis of Cerebral Palsy", "Technology & Children", Pediatric Resident Lecture for Alfred I, duPont Institute & Jefferson Residents/Fellows, Wilmington, DE. March 1995.

Talk entitled "The Disabled Adolescent", Pediatric Lecture - 2nd year Medical Students, Thomas Jefferson University, Philadelphia, PA. March 1995.

Talk entitled "Rehabilitation Management of TBI in Children: After the Acute Hospitalization", Pediatric Rehabilitation Update 1995, Schneider Children's Hospital, Epstein Teaching Center, Long Island Jewish Medical Center, New Hyde Park, NY. April 1995.

Talk entitled "Post Polio Syndrome & Aging with Pediatric Onset Disabilities: A Review of the Literature & a Personal & Clinical Perspective", James W. Rae (12th Annual) Scientific Day & Lecture, Dept. of Physical Medicine & Rehabilitation, University of Michigan Medical Center, Michigan. May 1995.

Talk entitled "Panel Presentations, Rebuttal and Discussion", 7th Annual Pediatric Rehabilitation Conference, Rehabilitation & Reform: Navigating the Waters, Alfred I. duPont Institute, Wilmington, DE. May 1995.

Talk entitled "CARF 101", Inservice for Rehabilitation Staff for CARF Survey, Alfred I. duPont Institute, Wilmington, DE. July 1995.

Talks entitled "Spina Bifida", and "Autism", Montgomery County Easter Seal Society & Philadelphia County Easter Seal Society Inservices. October 1995.

Talks entitled "Philosophy of Rehabilitation", "Team Dynamics", Rehabilitation Team Orientation Workshop, Alfred I. duPont Institute, Wilmington, DE. October 1995.

Talk entitled "Reflux G-tubes and Complications of Surgery", Philadelphia County Easter Seal Society. November 1995.

Talk entitled "Policy Making, Legislative Change & Interagency Frameworks", Bi-National Conference on Healthcare Reform: Coordination & Integration of Children's Health, Education, Rehabilitation & Social Services: Policies in a Time of Health Care Reform, Tel Aviv, ISRAEL. November 1995.

Talk entitled "Pediatric Electromyography", Jefferson Medical College, 23rd Annual Course in Electrodiagnosis & Clinical Neurophysiology Review, Philadelphia, PA. February 1996.

Talks entitled "Early Diagnosis of Cerebral Palsy", "Cerebral Palsy Management", Pediatric Resident Lecture for AIDI, Jefferson and Temple Residents/Fellows, Wilmington, DE. March 1996.

Talks entitled "The Disabled Adolescent", "Special Problems of Adolescents", Sophomore Seminar, Thomas Jefferson University, Philadelphia, PA. March 1996.

Talk entitled "Supporting Children with Medical, Mobility & Social Needs: Using Today's and Tomorrow's Technology", 8th Annual Pediatric Rehabilitation Conference, Alfred I. duPont Institute, Wilmington, DE. April 1996.

Talks entitled "Muscular Dystrophy", "Pediatric EMG", "Pediatric Lymphedema", Visiting Professor, Update on Pediatric Rehabilitation, East Carolina University School of Medicine, Department of Physical Medicine & Rehabilitation, Greenville, NC. May 1996.

Talk entitled "Rehabilitation Issues in Children with Traumatic Brain Injury", Focus on Pediatrics Conference, St. John's Mercy Medical Center, St. Louis, MO. June 1996.

Talk entitled "Staging of Pediatric Rehabilitation Across Different Levels of Care", Medical Rehabilitation: Has Managed Care Gone Away Yet?, Rehabilitation Conference, University at Buffalo, State University of New York, Buffalo, NY. July 1996.

Talk entitled "Future Paralympics", Paralympics Congress Consensus Conference, National Center for Medical Rehabilitation Research, Third Paralympic Congress, Atlanta, GA. August 1996.

Talk entitled "Family Centered Rehabilitation in the Community", Pediatric Rehabilitation Conference, Polish-American Children's Hospital, Krakow, POLAND. September 1996.

Talk entitled "Management of Lymphedema in Children", Jefferson Medical College Thomas Jefferson University Hospital, Philadelphia, PA. October 1996.

Talks entitled "Cerebral Palsy", "Medical Pathology & Intervention", Occupational Therapy Students, Occupational Therapy School Lecture, Thomas Jefferson University, November 1996.

Talk entitled "Therapeutic Interventions in Spasticity", Pediatric Grand Rounds, duPont Hospital for Children, Wilmington, DE. November 1996.

Talk entitled "Teen Driver Safety", St. Mark's High School Safety Presentation, Wilmington, DE. January 1997.

Talks entitled "Rehabilitation of TBI in Children", Grand Rounds, Dept. of Rehabilitation Medicine, Hospital of the University of PA, Philadelphia, PA February 1997.

Talk entitled "Independent Living", Easter Seal Society, New Castle, DE February 1997.

Talks entitled "Early Diagnosis of Cerebral Palsy" and "Management of Cerebral Palsy", Annual Pediatric Day of Learning for Physical Medicine & Rehabilitation Residents, duPont Hospital for Children, Lecture Hall, Wilmington, DE. April 1997.

Talks entitled "Family Centered Care" and Response Panel participant in "Pediatric Excellence in Rehabilitation Delivery Systems: A Framework for Action". 9th Annual Pediatric Rehabilitation Conference: Rehabilitation Innovations for An Outcome Driven Market...Make It So!" duPont Hospital for Children, Wilmington, DE. May 1997.

Talks entitled "Management & The Complications of Traumatic Brain Injury in Children", "Spasticity/Physiology", "Common Orthopedic & Neurologic Problems As Seen By A Physiatrist & Their Management", "Rehabilitation of Children with Spinal Cord Injuries", "Technology in Children", "Early Diagnosis in Cerebral Palsy", "Management of Lymphedema in Children". 7th Course International Rehabilitation. Sociedad Occidental de Medicina de Rehabilitacion, A.C. Puerto Vallarta, Jalisco, Mexico. May 1997.

Talk entitled "Rehabilitation of Traumatic Brain Injury in Children" - The 4th Dr. J. Jimenez Annual Lecture, Program for the Second Annual Academic Physiatry Day, University of Toronto, Division of Physiatry, Mount Sinai Hospital, Toronto, Ontario Canada. May 1997.

Talk entitled "Focusing on the Brain - Traumatic Brain Injury in Children" - Grand Rounds at Kluge Children's Rehabilitation Center, University of Virginia Health System, Children's Medical Center, Charlottesville, VA. October 1997.

Talk entitled "Update on Therapeutic Technology for Children" - Comprehensive Approaches to the Management of Children with Spasticity and Neuromuscular Disorders. JFK Johnson Rehabilitation Institute/JFK Health Systems, Professional Development Series. JFK Conference Center, Edison, NJ. November 1997.

Talks entitled "Growth & Development in Children", "Cerebral Palsy Management", and "Duchenne Muscular Dystrophy". Annual Pediatric Rehabilitation Lecture Series. Alfred I. duPont Hospital for Children, Wilmington, DE. April 1998.

Talk entitled "The Pediatric Board Review" – Residents of Graduate Hospital, Philadelphia, PA. May 1998.

Talk entitled "Pediatric Traumatic Brain Injury in Rehabilitation Medicine" - Neonatologists at Bryn Mawr Hospital, Bryn Mawr, PA. May 1998.

Talk entitled "Rehabilitation and the Dysfunctional Brain". 10<sup>th</sup> Annual Pediatric Rehabilitation Conference-The Therapeutic Interventions for the Neurologically Impaired Child. Alfred I. duPont Hospital for Children, Wilmington, DE. May 1998.

Talks entitled "Spasticity Pathophysiology & Clinical Approach to the Patient" and "The Role of BOTOX in Spasticity" – Advances in Spasticity Management in Adults & Children Conference, Mercy Hospital, Pittsburgh, PA. September 1998.

Talk entitled "Rehabilitation of TBI in Children" – Dover Educational Inservice. Dover, DE. September 1998.

Talk entitled "Scoliosis in Children" – Residents – Thomas Jefferson University Department of Rehabilitation Educational Lecture Series. Philadelphia, PA. October 1998.

Talk entitled "The Management of Children with High Level Spinal Cord Injuries" – Annual Shriners Hospitals for Children Pediatric Spinal Cord Injury Conference – Shriners Hospitals for Children, Philadelphia, PA. October 1998.

Talk entitled "Medical Problems in the Child with Cerebral Palsy" – Cerebral Palsy Interventions Conference, Children's Hospital of Manhattan, New York, NY. November 1998.

Talks entitled "Neuromuscular Skeletal Disorders in Children" and "Spina Bifida – Grand Rounds, JFK Johnson Rehabilitation Institute – Edison, New Jersey. February, 1999.

Talk entitled "Lymphedema in Children" – Conference for the Department of Pediatrics, Mercy Fitzgerald Hospital, Philadelphia, PA. February, 1999.

Talk/Panel entitled "Current medical Issues and Future Planning" – Kencrest Services 1999 Conference, - Children Who are Medically Complex or Technology Dependent: Safe at Home, Safe in the Community. Philadelphia, PA. March 1999.

Talks entitled "Cerebral Palsy-Early Diagnosis & Primitive Reflexes", "Genetics, Pathokineosology & Natural History of DMD", and "Pediatric Traumatic Brain Injury". Annual Pediatric Rehabilitation Lecture Series, A.I. duPont Hospital for Children. Wilmington, DE. March 1999.

Talks entitled "Child Development" and "Evaluating the Hypotonic Infant" – Thomas Jefferson University Department of Rehabilitation Educational Lecture Series. Philadelphia, PA. March 1999.

Talk entitled "Solid Foundations for Success for Young People with Disabilities" – Solid Foundations for Children with Special Needs. Educational Services for Nursing, University of Michigan Health System, Ann Arbor, MI. April 1999.

Talk entitled "Pediatric Rehabilitation vs. Adult" – General Pediatric Resident lecture – Magee Hospital. Philadelphia, PA. August, 1999.

Talk entitled "Team Dynamics" – Therapists, Therapeutic & Rehabilitation Services, Alfred I. duPont Hospital for Children. Wilmington, DE. September 1999.

Talk entitled "Issues Facing the Disabled Child and Family" – Voorhees Rehabilitation Hospital. October 1999.

Talk entitled "Team Dynamics" – Voorhees Rehabilitation Hospital. November 1999.

Talks entitled "Pediatric Glasgow Coma Scale" and "Comprehensive Brain Rehabilitation in Children" – Second Annual Trauma Symposium - Trauma Center at Atlantic City Medical Center. Atlantic City, NJ. February 2000.

Talk entitled "Teen Driver Safety" – St. Mark's High School Safety Presentation, Wilmington, DE. March 2000.

Talk entitled "A Multidisciplinary Approach to Caring For Medically Complex Children" – Sophomore Seminar, Children's Health Center, Jefferson Medical College. Philadelphia, PA. March 2000.

Talk/presentation to downstate Delaware physicians – Nanticoke Memorial Hospital as President of the Medical Society of Delaware. March 2000.

Talks entitled "Cerebral Palsy", "Pediatric Spinal Cord Injury" and "Duchennes Muscular Dystrophy", The Pediatric Rehabilitation Medicine CME Activity Series – JFK Medical Center, JFK Johnson Rehabilitation Institute. Edison, NJ. April 2000.

Speaker at 12<sup>th</sup> Annual Pediatric Rehabilitation Conference – "Interdisciplinary Approach to Brains, Tumors, and Spines" – Alfred I. duPont Hospital for Children. Wilmington, DE May 2000

Talk entitled "Rehabilitation of Pediatric Traumatic Brain Injury" – Pediatric Brain Injury Seminar. Alfred I. duPont Hospital for Children. Wilmington, DE May 2000.

Talk entitled "Pediatric Rehabilitation", JFK Johnson Rehabilitation Institute, Edison, NJ, January 15, 2001.

Talk entitled "Staffing and Patient Safety: Finding Solutions for Medical Errors", 2001 National Conference on Resource Management, San Antonio, Texas, June 13, 2001.

Talk entitled "Post, Present and Future Challenges for Disabled Children"; Caring for Urban Children with Disabilities: A Multidisciplinary Approach symposium", Children's Medical Center of Brooklyn, Kings County Hospital Center, University Hospital of Brooklyn, Oct. 19, 2001.

Talk entitled "The Uniqueness of Adolescent Trauma", Trauma in Adolescents: Life After Injury Conference, Bryn Mawr Rehab Hospital, May 2, 2001.

Talk entitled "Pediatric Rehab", 4<sup>th</sup> Annual Trauma Symposium – Comprehensive Care of the Multiply Injured Patient, Atlantic City Medical Center, Atlantic City, New Jersey, Feb. 21, 2002.

Talk entitled "Pediatric Lymphedema", Visiting Professor , Charlotte Institute of Rehabilitation, Charlotte, North Carolina, October 17, 2003.

Talk entitled "Disabled Children, a Historical Perspective", Visiting Professor, Children's Rehabilitation Hospital, Oklahoma City, Oklahoma, March 27, 2003.

Talk entitled "Back Pain in Adolescents", Grand Rounds, Kent General Hospital, Dover, DE, November 18, 2003.

Talk entitled "Reflex Sympathetic Dystrophy in Children", Grand Rounds, duPont Hospital for Children, Wilmington, Delaware, May 19, 2004.

Talk entitled "Rehabilitation of Pediatric Traumatic Brain Injury", Grand Rounds, Thomas Jefferson University, Philadelphia, PA, October 13, 2004

Talk entitled "The Perils of Adolescent Drivers", St. Marks High School parents group, Wilmington, DE, January 13, 2005.

Talk entitled "Technology for Disabled Children", The First State First Lego League Competition, University of Delaware, Newark, DE, January 22, 2005.

Talk entitled "Spasticity", presented to staff at Easter Seals Society, Montgomery County, PA, April 4, 2006.

Talk entitled "Technology – From Language Boards to Robots", Pediatric Residents Education Lecture, duPont Hospital for Children, Wilmington, DE, April 5, 2006.

Talk entitled "Rehabilitation of SCI in Children" Seventeenth Annual Trauma Conference, Peninsula Regional Medical Center, Ocean City, Maryland September 21, 2007

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