

Employment and Positions Held (continued)

Assistant Professor, Department of Physical Therapy, Ithaca College - University of Rochester campus, Rochester, NY 1999-2005 (tenure track)

Physical Therapist, Pediatric Physical Therapy Services, Rochester, NY, 2008 – present

Physical Therapist, Kirch Developmental Services Center, Strong Center for Developmental Disabilities, 1998-2007

Contract Physical Therapist, Northstar Christian Academy, 1997-1998

Adjunct Instructor, Department of Pediatrics, University of Rochester School of Medicine and Dentistry, 1997-98

Assistant Professor, Department of Physical Therapy, Ithaca College - University of Rochester campus, Rochester, NY 1997-1999 (provisional)

Staff Physical Therapist, Department of Exceptional Children, Monroe II - Orleans B.O.C.E.S., Spencerport, NY. 1985-1997

School Health Physical Therapist, Department of Physical Therapy, Monroe County Department of Health, 1983-1985

Staff Physical Therapist, Department of Physical Therapy, Strong Memorial Hospital, Rochester, NY 1982-1983

Senior Physical Therapist, Department of Physical Therapy, Monroe Developmental Center, Rochester, NY 1981-1982

Staff Physical Therapist, Department of Physical Therapy, Monroe Developmental Center, Rochester, NY 1980-1981

Peer Reviewed Publications

Liptak GS, Benzoni LB, Mruzek DW, **Nolan KW**, Thingvoll MA, Wade CM, Freyer E. Disparities in diagnosis and access to health services for children with autism: data from the National Survey of Children's Health. J Dev Behav Ped, 2008 June;29(3):152-60.

Nolan KW, Orlando M, Liptak GS. Care coordination services for children with special health care needs: are we family centered yet? Fam, Sys, & Health, 2007, 25(3):293-306.

Nolan KW, Cole L, Liptak GS. The use of botulinum toxin type A in children with cerebral palsy, Phys Ther, 2006, 86(4):573-84.

Schlough K, Nawoczinski D, Case L, **Nolan K**, Wigglesworth J. The effects of aerobic exercise on endurance, strength, function and self-perception in adolescents with spastic cerebral palsy: a report of three case studies, Ped Phys Ther, 2005, 17(4): 234-250

Peer Reviewed Publications (continued)

Nolan, KW, Young EC, Hebert LB, Wilding GE. Service coordination for children with complex health care needs in an early intervention program, Inf Young Child, 2005, 18 (2): 161-170.

Nolan, KW, Mannato, L, Wilding GE. Integrated models of pediatric physical and occupational therapy practice: regional practice and related outcomes, Ped Phys Ther, 2004, 16(2): 121-128.

Peer-Reviewed Publications: Textbooks, Chapters, Monographs

Nolan, KW, Assistive Technology Clinical Case, *In* Clinical Cases in Physical Therapy, 2nd ed. Brimer MA, Moran ML (eds), Boston: Butterworth-Heinemann, 2004, pp.161- 4.

Published Abstracts of Peer Reviewed Presentations

Nolan KW, Deane S, Garcia L, Krekeler D, Masters J, Merle K, Purfield J, Stanton C, Stampe P. Effects of threshold electrical stimulation (TES) on upper extremity movement in an infant with brachial plexus injury (BPI). Proceedings of the Annual Conference, American Physical Therapy Association, San Antonio, Texas, June 11, 2008

Mruzek DW, Liptak GS, Wade CM, Thingvoll MA, Benzoni LB, **Nolan KW**, Fryer GE. Children with Autism: Morbidity, Co-Morbidity and Family Burden. Proceedings of the International Meeting for Autism Research, Montreal, Quebec, June 1, 2006 and Child Health Services Research Annual Meeting, Seattle, Washington, June 24, 2006.

Liptak GS, Benzoni L, Mruzek DW, **Nolan KW**, Thingvoll M, Wade CM. Disparities in health care among children with autism spectrum disorders. Proceedings of the International Meeting for Autism Research (IMFAR), Montreal, Quebec, June 1, 2006 and Child Health Services Research Annual Meeting, Seattle, Washington, June 24, 2006.

Yingling J, Serdinow M, Orlando M, **Nolan KW**, Luvera A, Keschner E, Liptak G. Factors associated with family-centered care for children with special health care needs (CSHCN). Proceedings of Child Health Services Research Meeting, Boston, June 25, 2005 and Academy Health 2005 Annual Research Meeting, Academy for Health Services Research, Boston June 26, 2005.

Arnold A, Besana NS, Davis R, Hines D, Pruitt C, VanBrunt J, Winik E, **Nolan KW**. The effect of the S.W.A.S.H. orthosis on function in a child with cerebral palsy: a single system design. Proceedings of Annual Conference, APTA, Chicago 2004.

Published Abstracts of Peer Reviewed Presentations (continued)

Ciminesi, TE, Doyle, SE, Emmick, LS, Merges, E, Orlando, MS, **Nolan, KW**, Kaufman, KT, Hebert, EB., Sulkes, SB. Children with special health care needs: care coordination and interaction with special education services. Proceedings of Academy for Health Services Research and Health Policy, January, 2002

Burrows RA, Jacobs JM, Kerns EA, Pryce KD, Robbins TS, Tonoli KI, Wodakow EM, **Nolan KW**. Effects of botulinum toxin type a on lower extremity range of motion and function in children with cerebral palsy: a retrospective review, Ped Phys Ther 13(4), Winter 2001.

Nolan, K, Mannato, L. Integrated models of pediatric physical therapy: regional practice and related outcomes, Phys Ther 81 (5):A39, 2001.

Scientific and Professional Presentations

Tuttle, J, Wright T, Taylor-Brown, S, Durant-Jones, L, Smith, E, **Nolan, K**, Hetherington, S, "It's Really Soul-Destroying": Adolescents' & Parents' Perceptions of Educational Transition Planning for Youth with Disabilities. Annual Meeting of the Society for Adolescent Medicine Annual Meeting, Greensboro, NC, March 27, 2008.

Nolan KW, Luvera A. Effects of an Orthotic Strapping System on Motor Function in a Child with Cerebral Palsy, Poster Presentation, Annual Conference and Exposition of American Physical Therapy Association, Orlando, FL June 24, 2006.

Yingling J, **Nolan KW**. Health Care Transitions for Youth with Special Health Care Needs. Invited presentation, Family Research Roundtable, University of Rochester School of Medicine and Dentistry, Oct 4, 2005

Nolan KW. Physical Activity in Children and Youth with Physical Disabilities: Regional Baseline and Model Programs. Invited presentation, Finger Lakes District, New York Chapter Physical Therapy Association, Rochester, NY. May 25, 2005.

Nolan KW. Transitions for Children and Adolescents with Spina Bifida – A Checklist for Therapists. Presentation in ‘Pathways to Success’, Spina Bifida Resource Center Conference, Rochester, NY. October 25, 2004

Nolan KW, Arnold E, Van Brunt J. The Effect of the S.W.A.S.H. Orthosis on Function in a Child with Cerebral Palsy: A Single System Design, Poster presentation, Annual Conference and Exposition of American Physical Therapy Association, Chicago, IL July 2, 2004.

Scientific and Professional Presentations (continued)

Pandya S, Mark K, **Nolan KW**. School to Adult Transitions for Adolescents with Special Health Care Needs, Supporting Transitions for Children and Their Families, Region IV Conference, Pediatrics section, APTA, Rochester, NY. November 14, 2003.

Fried R, **Nolan KW**. Leading Toward Tomorrow, PT/OT Platform presentation, Spina Bifida Resource Center Conference, Rochester, NY. October 27, 2003.

Nolan KW, Guider M. Spasticity Management Options at the Golisano Children's Hospital @ Strong. Finger Lakes District, NYPTA, Rochester, NY. February 5, 2003.

Nolan KW, Burrows RA. Effects of Botulinum Toxin Type A on Lower Extremity Range of Motion and Function in Children with Cerebral Palsy: A Retrospective Review. American Physical Therapy Association, Combined Sections Meeting. Boston, MA, 2002

Cole LL, Fried R, **Nolan KW**. Spasticity Management Options at the Kirch Developmental Services Center. Monroe II-Orleans BOCES, OT/PT Department, Spencerport, NY, October 2, 2001.

Nolan KW, Mannato L. Integrated Models of Pediatric Physical Therapy Practice: Regional Practice and Related Outcomes. Poster presentation, Annual Conference and Exposition of American Physical Therapy Association, Anaheim, CA, June 22, 2001.

Nolan KW. The Weight-Bearing Shoulder, Platform Presentation, Greater Rochester Spina Bifida Association, Rochester, NY, Nov. 6, 2000.

Nolan KW. Impact of Children with Complex Health Care Needs on an Early Intervention Program, Platform Presentation, National Association of Pediatric Home and Community Care, New Orleans, LA, Oct. 5, 2000.

Fried R, **Nolan KW**. Recent Advances in Spasticity Management. Panelist (and Conference Co-Coordinator), Rochester, NY, Nov. 12, 1999.

Nolan KW. Medical Management of Spasticity. Panelist, Rochester Chapter, National Association of Neuroscience Nurses, Rochester, NY, Oct 16, 1998.

Nolan KW, Mannato L. Integrated Models of Pediatric Therapy - Regional Practice and Related Outcomes. National Therapy and Education Conference, "Transforming Pediatric Care into the 21st Century", Falls Church, Va., Oct. 3. 1998.

Nolan KW. Sensory Integration: An Updated Perspective. Rochester City School District, PT./OT Department staff, December, 1991.

Nolan KW. Sensory Integration: Overview of Theory and S.I.P.T. Testing. Monroe II-Orleans BOCES, PT/OT Department staff, Oct., 1987

Nolan KW. Sensory Integration Overview. Rochester City School District, P.T./O.T. Department staff, Oct., 1986.

Scientific and Professional Presentations (continued)

Nolan KW. Stimulating Motor Capabilities: The Community Nurse's Role. Monroe County Health Department, I.C.H.A.P. Nursing Staff. November, 1986.

Publications: Non-Peer Reviewed

Nolan K, Exercise and physical therapy. *In* Greater Rochester Spina Bifida Association News, Winter/Spring 2006, p. 2.

Nolan K, Announcing a NY state listing of physical activities for children and youths with physical disabilities. *In* Empire State Physical Therapy, Vol. XXXIX, No. 6, Aug. 2005, p 9.

Grant Activity

Discipline Coordinator in Physical Therapy on a Maternal and Child Health Bureau (MCHB) Leadership Training Grant. .40 FTE, July, 1997-present. Located at the University of Rochester, Department of Pediatrics, Strong Center for Developmental Disabilities (SCDD). Plan, coordinate and supervise all educational, clinical, and research experiences for a Clinical Fellow in Physical Therapy, during a clinical fellowship. Define recruitment strategies and selection of fellows. Training emphasis on interdisciplinary team process, leadership, and Developmental Disabilities. Promoted to Adjunct Assistant Professor, (University of Rochester School of Medicine and Dentistry), September, 1999. Teach and coordinate leadership topics in Core Course for MCHB grant, 1999 - present.

Simultaneously serve as Physical Therapy Discipline Coordinator for the Division, SCDD. Serve as primary liaison between SCDD and physical therapy professional associations and academic affiliates and clinical departments; and provide professional leadership for other physical therapists in the SCDD training program. July, 1997-present.

(M.C.H.B.) Grant # 6 T73 MC 00029-08-01MCJ-369341-02-1. Project period : 7-1-06 - 6-30-11.

Research Activity Completed in Collaboration with University of Rochester

Informing Practice to Support Self-Advocacy in Health Transitions for Adolescents with Physical Disabilities

Adolescents' and Parents' Perceptions of Educational Transition Planning for Youth with Disabilities

Disparities in Health Care among Children with Autism Spectrum Disorders.

Research Activity Completed in Collaboration with University of Rochester (con.):

Factors Associated with Family-Centered Care for Children with Special Health Care Needs (CSHCN)

Computer Use in Primary Care Physicians

Integrated Models of Pediatric Physical Therapy: Regional Practice and Related Outcomes

Care Coordination for Children with Complex Health Care Needs: An Early Intervention Focus

Evaluation of Motor and Psychosocial Outcomes in Children with Physical Disabilities after Participation in Recreational, Community-Based Resources.

Evaluation of Care Coordination for Children with Chronic, Complex Health Care Needs.

- A) Regional survey, families of children receiving care through Golisano Children's Hospital at Strong.
- B) Secondary analysis of National Health Interview Survey, Disability Follow-back survey, Section G – Coordination of Services, 1994-95 data.

Research Activity: Physical Therapy Graduate Student Supervised Projects

Effects of EMG-Triggered Neuromuscular Stimulation on Upper Extremity Movement in a Child with Brachial Plexus Injury

Effects of Threshold Electrical Stimulation on Upper Extremity Movements in a Child with Brachial Plexus Palsy

Effects of Threshold Electrical Stimulation on the Upper Extremity Function of a Child with Brachial Plexus Palsy

Physical Activity in Children and Youth with Physical Disabilities in the Rochester and Finger Lakes Region

Effect of an Orthotic Strapping System on Motor Function in a Child with Cerebral Palsy

Effects of the SWASH Orthosis on Motor Function in a Child with Cerebral Palsy

Effects of Botulinum Toxin Type A on Lower Extremity Range of Motion and Function in Children with Cerebral Palsy: A Retrospective Review

Survey of Expert Consensus on Physical Therapy Intervention after Botulinum Toxin Type A Injections for Children with Cerebral Palsy

Continuing Education Workshops Organized

Bayley Scales of Infant Development III – Examiner Training. Conference Coordinator & Sponsor, Rochester, NY, 2005

Supporting Transitions for Children and Their Families. Coordinator, Presenter, Co-Sponsor, Rochester, NY, 2003.

Making Sound Decisions for Children with Diplegia and Hemiplegia. David Embrey, PT, PhD, Rochester, NY, 2002.

Gross Motor Function Measure Training Workshop. Mary Lane, PT, Rochester, NY, 2000

Recent Advances in Spasticity Management. Conference Co-Coordinator (and Panelist), Rochester, NY, 1999.

Sensory Integration: A Parent's Overview. Conference Coordinator, B.O.C.E.S. II Parent Support Group, Greece, NY, 1997.

Collaborative Consultation in the Classroom, Conference Co-Coordinator, Lodge at Woodcliff (B.O.C.E.S. II Co-Sponsor), Pittsford, NY, 1993.

The Clumsy Child, Conference Coordinator, B.O.C.E.S. II, Spencerport, NY, 1989.

Normal Motor Development: The First Five Years. Conference Coordinator and Presenter, Head Start Program (Lyell Ave.), Rochester, NY, 1985.

Membership in Professional Societies (including positions held)

Member, American Physical Therapy Association, New York State and National, 1980-1990, 1997- present. Member, Pediatric section.

New York State Representative, Pediatrics section, American Physical Therapy Association, February, 2002 - 2007.

Delegate, Finger Lakes District, Delegate Assembly, New York Physical Therapy Association, Saratoga Springs, NY, May 5, 2001.

Delegate, Finger Lakes District, Delegate Assembly, New York Physical Therapy Association, Albany, NY, May 20, 2000.

Secretary, Finger Lakes District, New York Chapter, Physical Therapy Association, August, 2000 – May 2004.

Committee member, Continuing Education, Finger Lakes District of New York Chapter, American Physical Therapy Association, Sept., 1985 - Sept., 1987

Member, International Society on Early Intervention, 2006 – present

Membership in Professional Societies (including positions held) (continued)

Member, Spina Bifida Association of Greater Rochester, 2006 - present

Member, Early Childhood Intervention Council of Monroe County, 2002 – present

Member, Professional Education in Developmental Specialties (PEDS group), 1982-1990.

Treasurer, Professional Education in Developmental Specialties (PEDS) 1985-1987.

Co-Chairman, Professional Education in Developmental Specialties (P.E.D.S), 1983-85.

Consultative and Advisory Positions Held:

Consultant Physical Therapist, Metro Park Day Habilitation Program, Finger Lakes Developmental Disabilities Service Organization, Rochester, NY, 2008 - present

Committee member, Early Childhood Intervention Council of Monroe County (ECICMC), Standards and Guidelines Sub-committee, January, 1999 - April, 1999.

Committee member, ECICMC County Guidelines for Early Intervention Services, Birth through Two, 1994.

Advisory Board member, SUNY Buffalo Early Intervention program for Occupational Therapists and Physical Therapists, July, 1990 - July, 1991.

Consultant Physical Therapist, Community Habilitation Training Project. Craig Developmental Center, Sonyea, NY 1982

Community Service:

Trustee-Board Member, Penfield United Methodist Church, 2006 - present

Praise Team, Penfield United Methodist Church, 2008 – present, 2002 – 2003

Christian Education, Penfield United Methodist Church, 1997-2006

Making Strides Against Breast Cancer, American Cancer Society sponsored 3.5K walk, 2008, 2007, 2006, 2005, 2004, 2003, 2002, 2001, 2000

Developmental Screens, Volunteers of America Child Care Center, Rochester, NY.

Supervised 23 physical therapy graduate students in administration of Denver Developmental Screening Tests for forty 3 year olds. 2009

Community Service (continued):

Developmental Screens, Wilson Commencement Park Early Learning Center, Rochester, NY. Supervised 12 physical therapy graduate students in administration of Denver Developmental Screening Tests for twenty two 3 year olds. 2006

Developmental Screens, St. Paul's Child Care Center, Rochester, NY. Supervised 24 physical therapy graduate students in administration of Denver Developmental Screening Tests for thirty 3 and 4 year olds. 2005

Youth and Adult Alliance Fall Retreat weekend, Camp Hacamo, Penfield, NY. Sponsored by Greater Rochester Spina Bifida Association. Provided assistance with transfers, ADL's, and activities for overnight campers with spina bifida, accompanied by 10 volunteer physical therapy graduate students. 2004

Developmental Screens, Community Child Care Center, Rochester, NY. Supervised 23 physical therapy graduate students in administration of Denver Developmental Screening Tests for twenty four 2, 3, and 4 year olds. 2004

Developmental Screens, Friendship Children's Center, Rochester, NY. Supervised 2 physical therapy fellows in administration of Denver Developmental Screening Tests for eight 3 and 4 year olds. 2003

Muscular Dystrophy Association, Summer Camp. Rotary Sunshine Camp, Rush, NY. Provided in-service for staff and counselors (86) on transfer and mobility training for campers (88) with neuromuscular condition, 2003

Developmental Screens, Downtown Child Development Center, Rochester, NY. . Supervised 19 physical therapy students in administration of Denver Developmental Screening Tests for fifteen 3, and 4 year olds. 2002

Explore, Parent Support/Advisory group member, Fairport Central School District, 2001- 2002.

Developmental Screens, Downtown Child Development Center, Rochester, NY. . Supervised 16 physical therapy students in administration of Denver Developmental Screening Tests for twenty-five 3, 4 and 5 year olds. 2001

Science Action, parent volunteer, Jefferson Avenue School, 2001

Developmental Screens, Oregon-Leopold Child Care Center, Rochester, NY. Supervised 20 graduate physical therapy students in administration of Denver Developmental Screening Tests for fourteen 2, 3, and 4 year olds. 1999

Technical assistance/service to the Advocacy Center, with five graduate physical therapy students, recruiting new sites to add to an Internet-based database of inclusive community- based recreational resources for children and young adults with physical disabilities (primarily Monroe County). 1999

Community Service (continued):

Help for the Children, Committee member, development of a slide-tape presentation, for community education regarding pediatric P.T. and O.T. 1983

Service:

Department

Departmental Open House, Admissions event. Faculty representative of the Physical Therapy Department to prospective students and families, September 27, 2008

Marketing Committee, August, 2007 - present

Departmental Personnel Action Review Committee (DPARC) Co-Chair, August 2007 - November, 2007.

Policies and Procedures Committee, August 2007 - present

Ithaca and You, Ithaca College Admissions event. Faculty representative of the Physical Therapy Department to prospective students and families, October 9, 2006

Ithaca in Motion, Rochester faculty participant, April, 2006

Administrator Selection Committee, December 2005 – May 2006

Departmental Personnel Action Committee (DPARC) member, September 2005 – January 2006

Ithaca and You (see above). October 11, 2004

Curriculum Committee member, May, 2002 – November, 2007

Search Committee member, May, 2002 – December, 2002.

Doctoral dissertation committee, Kathleen Hinkley Schlough, supervised by Deborah Nawoczenski, Department of Physical Therapy, Ithaca College-Rochester campus, 2001-02

Departmental Open House, Admissions event. Faculty panel representative to prospective students and families. September. 29, 2001

Ithaca in Motion, Rochester faculty participant, March, 2001

Marketing committee member, Physical Therapy Department, August, 2000 – May, 2003, August, 2005 - present

Alumni committee member, Physical Therapy Department, August, 1999 - present

Curriculum committee, neurology work group, Physical Therapy Department, July, 1997- May 1999

Service (continued):

Parents' Weekend Panelist, November, 1997

Honors and Awards:

Instructional Development Fund, Ithaca College: Received approval for funded support of project entitled “Linking Movement Science and Intervention”, on February 28, 2005. Award: \$1500.

Research Designated Fund, New York Chapter, Physical Therapy Association, received 9/6/00, for project, “Evaluation of Motor and Psychosocial Outcomes in Children with Physical Disabilities after Participation in Recreational, Community-Based Resources”. Amount awarded: \$1392.

Instructional Development Fund, Ithaca College: Received funding support for the project entitled *Best Practice in Education – New Faculty Emphasis*, on September 25, 1998. Award: \$1200.

Instructional Development Fund, Ithaca College: Received funding support for the project entitled *Current Concepts in Pediatric Therapy Practice and Research*, on February 12, 1998. Award: \$1200.

Continuing Education Attended :

Annual Conference & Exposition of American Physical Therapy Association, Orlando, FL, 2006.

III STEP Conference: Linking Movement Science and Intervention. Salt Lake City, UT, 2005.

Overweight Prevention and Intervention for Children with Special Health Care Needs, University of Rochester (video conference site), host site: University of Tennessee Health Science Center, 2005.

Annual Conference & Exposition of American Physical Therapy Association, Chicago, IL, 2004.

Supporting Transitions for Children and Their Families. Rochester NY, 2003.

Teaching Evidence Based Practice in Rehabilitation Professional Curricula, Boston University, Boston MA, 2003.

Leadership Without Easy Answers, Association of University Centers on Disabilities. Chicago, IL, 2003.

Making Sound Decisions for Children with Diplegia and Hemiplegia. Rochester, NY, 2002

Continuing Education Attended (continued):

American Physical Therapy Association, Combined Sections Meeting. Boston, MA,
2002

Current Teaching Responsibilities in the Entry-level Physical Therapy Program

PTMS 671-60800 – Research II

PTMS 671-61800 – Clinical Science-Pediatrics