

## CURRICULUM VITAE

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*Professor Emerita*  
*University of Illinois at Chicago*  
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### Education:

University of Wisconsin (Madison)  
Ph.D. in Neurophysiology (Minor: developmental psychology), 1970-1973.  
M.S. in Physical Therapy (Major areas: education and measurement), 1967-1968.  
B.S. Degree and Certificate in Physical Therapy, 1961-1965.

### Licensure Information/Certifications:

Physical Therapist: Illinois #070-005147  
NDT Basic Course, 1982; Baby Course, 1984

### Employment and Positions Held:

Professor Emeritus, The University of Illinois at Chicago, College of Applied Health Sciences, Department of Physical Therapy, 2008-present.

Early Intervention Physical Therapist, State of Illinois, 2008-2011.

Managing Partner, Infant Motor Performance Scales, LLC, Chicago, IL, 2001-present.

Professor, tenured, The University of Illinois at Chicago, College of Applied Health Sciences, Department of Physical Therapy, 1987-2008. Acting Department Head, 1989-90; Director of Graduate Studies, 1987-1998; Interim Head, 1999-2000; Head, 2000-2008. Professor, Community Health Sciences, School of Public Health, 1987-2008. Associate Vice Chancellor for Academic Affairs, 1998-2000. Director of Mentoring Programs, Research Education and Careers in Health, UIC Center for Clinical and Translational Science, 2008-2011.

Visiting Professor, Department of Physical Therapy and Keck Neurosciences Institute, University of California--San Francisco (1 mo. temporary assignment), 1998.

Adjunct Professor, Boston University, Sargent College of Allied Health Professions, Department of Physical Therapy, Boston, MA, 1986-1988.

Professor, The University of North Carolina at Chapel Hill, School of Medicine, Department of Medical Allied Health Professions, Division of Physical Therapy, Chapel Hill, NC, 1984-1987; Associate Professor, 1977-1984; Assistant Professor, 1972-1977; Associate Director for Graduate Education, 1978-1979.

Visiting Clinical Consultant, Physical Therapy Division, University of Michigan Hospitals (Mott Children's and Holden Perinatal Hospitals), Ann Arbor, MI (1 mo. temporary assignment), 1983.

Research Fellow, Psychophysiology Section, Department of Psychology, University of Wisconsin-Madison, WI (6 mo. sabbatical), 1981.

Part-Time Physical Therapist, Monroe Handicapped Children's Clinic, Monroe, WI, 1971-1972.

Instructor in Physical Therapy, School of Medicine, University of Wisconsin-Madison, Madison, WI, 1968-1970

Staff Physical Therapist, Central Wisconsin Colony, Madison, WI, 1965-1968.

### Peer Reviewed Publications:

Ustad T, Evensen KAI, Campbell SK, Girolami GL, Helbostad J, Jorgensen L, Kaaresen PI, Oberg GK. Early parent-administered physical therapy for preterm infants: A randomized controlled trial. *Pediatrics* 08/2016; 138(2). DOI:10.1542/peds.2016-0271.

Ustad T, Helbostad JL, Campbell SK, Girolami GL, Jorgensen L, Oberg GK, Evensen KAI. Test-retest reliability of the Test of Infant Motor Performance Screening Items in infants at risk for impaired functional motor performance. *Early Human Development* 2016;93:43-46.

Campbell SK, Cole W, Boynewicz K, Zawacki LA, Clark A, Gaebler-Spira D, deRegnier R-A, Kuroda MM, Kale D, Bulanda M, Madhavan S. Behavior during tethered kicking in infants with periventricular brain injury. *Pediatr Phys Ther* 2015;27:403-412.

Darr N, Franjoine MR, Campbell SK, Smith E. Psychometric properties of the Pediatric Balance Scale Using Rasch analysis. *Pediatr Phys Ther* 2015; 27:337-348.

Madhavan S, Campbell SK, Campise-Luther R, Gaebler-Spira D, Zawacki L, Clark, A, Boynewicz K, Kale D, Bulanda M, Yu J, Sui Y, Zhou X. Correlation between fractional anisotropy and motor outcomes in one-year-old infants with periventricular brain injury, *J Magnetic Resonance Imaging* 2014;39:949-957. Epub 2013 Oct 17 DOI 10.1002/jmri.24256.

Campbell SK, Zawacki L, Rankin KM, Yoder JC, Shapiro N, Li Z, White-Traut R. Concurrent validity of the TIMP and the Bayley III Scales at 6 weeks corrected age. *Pediatr Phys Ther* 2013;25:395-401. DOI 10.1097/PEP.0b013e31829db85b. PMC3788354

Campbell SK. Use of care paths to improve patient management. *Phys Occup Ther in Pediatr* 2013;33(1):27-38.

Byrne EM, Campbell SK. Physical therapy observation and assessment in the neonatal intensive care unit. *Phys Occup Ther in Pediatr* 2013;33(1):39-74. DOI: 10.3109/01942638.2012.754827

Øberg GK, Campbell SK, Girolami GL, Ustad T, Jørgensen L, Kaaresen PI. Study protocol. An early intervention program to improve motor outcome in preterm infants: A randomized controlled trial and a qualitative study of physiotherapy performance and parental experiences. *BMC Pediatrics*. 2012 Feb 15;12(1):15. <http://www.biomedcentral.com/1471-2431/12/15>. PMC22336194

Campbell SK, Gaebler-Spira D, Zawacki L, Clark A, Boynewicz K, deRegnier R-A, Kuroda MM, Bhat, R, Yu J, Campise-Luther, Kale D, Bulanda M, Zhou X. Effects on motor development of kicking and stepping exercise in preterm infants with periventricular brain injury: A pilot study. *Journal of Pediatric Rehabilitation Medicine*. 2011;4:1-13. DOI 10.3233/PRM-2011-0185. PMC3584696

Snider L, Majnemer A, Mazer B, Campbell S, Bos A. Prediction of motor and functional outcomes in infants born preterm assessed at term. *Pediatr Phys Ther*. 2009;21:2-11.

Finkel RS, Hynan LS, Glanzman AM, Owens H, Nelson L, Cone SR, Campbell SK, Iannaccone ST, and the AmSMART Group. The Test of Infant Motor Performance: Reliability in spinal muscular atrophy type I. *Pediatr Phys Ther*. 2008;20:242-246.

Goldstein LA, Campbell SK. Effectiveness of the Test of Infant Motor Performance as an educational tool for mothers. *Pediatr Phys Ther.* 2008;20:152-159.

Snider LM, Majnemer A, Mazer B, Campbell S, Bos AF. A comparison of the general movements assessment with traditional approaches to newborn and infant assessment: Concurrent validity. *Early Human Development.* 2008;84:297-303.

Campbell SK, Swanlund A, Smith E, Liao-P-j, Zawacki L. Validity of the TIMPSI for estimating concurrent performance on the Test of Infant Motor Performance. *Pediatr Phys Ther.* 2008;20:3-10. PMC3582330

Barbosa VM, Campbell SK, Berbaum M. Discriminating infants from different developmental outcome groups using the Test of Infant Motor Performance (TIMP) item responses. *Pediatr Phys Ther.* 2007;19:28-39.

Campbell SK. Are models of disability useful in real cases? Pediatric case examples realized in research, clinical practice and education. *Phys Ther.* 2006;86:881-887.

Campbell SK, Levy P, Zawacki L, Liao P-j. Population-based age standards for interpreting results on the Test of Infant Motor Performance. *Pediatr Phys Ther.* 2006;18:119-125.

Liao P-jM, Zawacki L, Campbell SK. Annotated bibliography: Effects of sleep position and play position on motor development in early infancy. *Phys Occup Ther in Pediatr.* 2005;25 (1/2):149-160.

Barbosa VM, Campbell SK, Smith E, Berbaum M. Comparison of Test of Infant Motor Performance (TIMP) item responses among children with cerebral palsy, developmental delay, and typical development. *AJOT.* 2005;59:446-456.

Liao P-j M, Campbell SK. Examination of the item structure of the Alberta Infant Motor Scale (AIMS), *Pediatr Phys Ther.* 2004;16:31-38.

Campbell SK. Markers of minor brain damage are associated with developmental performance in preschool children. *Evid Based Ment Health.* 2003;6:19.

Straube D, Campbell SK. Rater discrimination using the visual analog scale of the physical therapist Clinical Performance Instrument, *J Phys Ther Education.* 2003;17(1):33-38.

Barbosa VM, Campbell SK, Sheftel D, Singh J, Beligere N. Longitudinal performance of infants with cerebral palsy on the Test of Infant Motor Performance and on the Alberta Infant Motor Scale, *Phys Occup Ther in Pediatr.* 2003;23(3):7-29.

Campbell SK, Kolobe THA, Wright BD, Linacre JM. Validity of the Test of Infant Motor Performance for prediction of 6-, 9-, and 12-month scores on the Alberta Infant Motor Scale. *Dev Med Child Neurol.* 2002;44:263-272.

Campbell SK, Wright BD, Linacre JM. Development of a functional movement scale for infants. *J Appl Meas.* 2002;3(2):191-205.

Liao P-j M, Campbell SK. Comparison of two methods for teaching therapists to score the Test of Infant Motor Performance. *Pediatr Phys Ther.* 2002;14:191-198.

Campbell SK, Hedeker, D. Validity of the Test of Infant Motor Performance for discriminating among infants with varying risk for poor motor outcome. *J Pediatr.* 2001;139:546-551.

Campbell SK, Kolobe THA. Concurrent validity of the Test of Infant Motor Performance with the Alberta Infant Motor Scale. *Pediatr Phys Ther.* 2000;12:1-8.

Butler C, Campbell S. Evidence of the effects of intrathecal baclofen for spastic and dystonic cerebral palsy. *Dev Med Child Neurol.* 2000;42:634-645.

Butler C, Chambers H, Goldstein M, Harris S, Leach J, Campbell S et al. Evaluating research in developmental disabilities: A conceptual framework for reviewing treatment outcomes. *Dev Med Child Neurol.* 1999;41:55-59.

Campbell SK. Test-retest reliability of the Test of Infant Motor Performance. *Pediatr Phys Ther.* 1999;11:60-66.

Campbell SK. Thirtieth Mary McMillan Lecture. PT 2000: Nurturing the profession. *Phys Ther.* 1999;79:1058-1068.

Murney ME, Campbell SK. The ecological relevance of the Test of Infant Motor Performance elicited scale items. *Phys Ther.* 1998;78:479-489

Campbell SK. Therapy programs for children that last a lifetime. *Phys Occup Ther Pediatr.* 1997;17(1):1-15.

Almeida GL, Campbell SK, Girolami GL, Penn RD, Corcos DM. Multi-dimensional assessment of motor function in a child with cerebral palsy following intrathecal administration of baclofen. *Phys Ther.* 1997;77:751-764.

Campbell SK, Kolobe THA, Osten ET, Lenke M, Girolami GL. Construct validity of the Test of Infant Motor Performance. *Phys Ther.* 1995;75:585-596. (1996 Chattanooga Research Award)

Campbell SK, Gardner HG, Ramakrishnan V. Physicians' decisions to refer children with cerebral palsy to physical therapy. *Dev Med Child Neurol.* 1995;37:906-914.

Campbell SK. Quantifying the effects of interventions for movement disorders resulting from cerebral palsy. *J Child Neurol.* 1996;11(suppl 1):S61-S70.

Campbell SK, Almeida GL, Penn RD, Corcos DM. The effects of intrathecal baclofen on function in patients with spasticity. *Phys Ther.* 1995;75:352-362.

Campbell SK. The Maternal and Child Health connection. *Pediatr Phys Ther.* 1994;6(3):154-156.

Girolami G, Campbell SK. Efficacy of a Neuro-Developmental Treatment program to improve motor control of preterm infants. *Pediatr Phys Ther.* 1994;6(4):175-184.

Anderson J, Campbell SK, Gardner HG. Correlates of physician utilization of physical therapy. *Int J Tech Assess Health Care.* 1992;8(1):10-19.

Gajdosik C, Campbell SK. The effect of weekly review on mothers' compliance with their home exercise program. *Phys Occup Ther in Pediatr.* 1991;11(2):47-65.

Task Force on Standards for Measurement in Physical Therapy (JM Rothstein, SK Campbell, JL Echternach, AM Jette, HG Knecht, SJ Rose). Standards for tests and measurements in physical therapy practice. *Phys Ther.* 1991;71:589-622.

Campbell SK, Anderson J, Gardner HG. Physician's beliefs in the efficacy of physical therapy in the management of cerebral palsy. *Pediatr Phys Ther.* 1990;2(3):169-173.

- Campbell SK. Efficacy of physical therapy in improving postural control in children with cerebral palsy. *Pediatr Phys Ther.* 1990;2(3):135-140.
- Campbell SK (guest ed). Proceedings of the Consensus Conference on the Efficacy of Physical Therapy in the Management of Movement Dysfunction in Cerebral Palsy. *Pediatr Phys Ther.* 1990;2(3).
- Campbell SK. The efficacy of Neurodevelopmental Therapy in the treatment of children with cerebral palsy. *Phys Occup Ther Pediatr.* 1989;9(2):1-4.
- Campbell SK. Measurement in developmental therapy: Past, present, and future. *Phys Occup Ther Pediatr.* 1989;9(1):1-13.
- Campbell SK, Anderson J, Gardner HG. Use of survey research methods to study clinical decision making: Referral to physical therapy of children with cerebral palsy. *Phys Ther.* 1989;69: 610-615.
- Campbell S, Wilhelm I, Slaton D. Anthropometric characteristics of young children with cerebral palsy. *Pediatr Phys Ther.* 1989;1:105-108.
- Coryell J, Provost BM, Wilhelm IJ, Campbell SK. Stability of Bayley Motor Scale scores in the first two years. *Phys Ther.* 1989;69:834-841.
- Campbell SK. The importance of being earnest about measurement, or, how can we be sure that what we know is true? *Phys Ther.* 1987;67:1831-1833.
- Siegel E, Gillings D, Campbell S, Guild P. A controlled evaluation of rural regionalized perinatal care: Impact on mortality and morbidity. *Amer J Public Health.* 1985;75:246-253.
- Campbell SK, Wilhelm IJ, Slaton DS, McGrain P, O'Donnell K. Preliminary evaluation of a protocol for assessment of development, posture, and coordination in children: A multi-center collaborative pilot study. Report of research in progress. *Phys Occup Ther Pediatr.* 1986;6(3/4):322-324.
- Siegel E, Gillings D, Campbell S, Guild P. Controlled evaluation of rural regional perinatal care: Developmental and neurologic outcomes at 1 year. *Pediatr.* 1986;77:187-194.
- Campbell SK, Siegel E, Parr CA, Ramey CT. Evidence for the need to renorm the Bayley Scales of Infant Development based on the performance of a population-based sample of twelve-month-old infants. *Topics in Early Childhood Special Education.* 1986;6(2):83-96.
- Campbell SK. Organizational and educational considerations in creating an environment to promote optimal development of high-risk newborn infants. *Phys Occup Ther Pediatr.* 1986;6(3/4):191-204.
- Campbell SK, Wilhelm IJ. Development from birth to three years of fifteen children at high risk for central nervous dysfunction: An interim report. *Phys Ther.* 1985;65:463-469.
- Campbell SK. Movement Assessment of Infants: An evaluation. *Phys Occup Ther Pediatr.* 1981;1:53-57.
- Campbell SK. Measurement and technical skills—neglected aspects of research education. *Phys Ther.* 1981;61:523-524.
- Kraybill EN, Kennedy CA, Teplin SW, Campbell SK. Survival, growth, and development of infants with birthweight less than 1001 grams. *Amer J Dis Child.* 1984;138:837-842.
- Campbell SK. Neural control of oral somatic motor function. *Phys Ther.* 1981;61:16-22.

Scholz JP, Campbell SK. Muscle spindles and the regulation of movement. *Phys Ther.* 1980;60:1416--1424.

Campbell SK. Development of psychomotor objectives for classroom or clinical education in physical therapy. *Phys Ther.* 1977;57:1031-1034.

Rockwell GM, Campbell SK. A physical therapy program for the pediatric cardiac patient. *Phys Ther.* 1976;56:670-675.

Campbell SK, Wilson JM. Planning infant learning programs. *Phys Ther.* 1976;56:1347-1357.

Carter RE, Campbell SK. Early neuromuscular development of the premature infant. *Phys Ther.* 1975;55:1332-1341.

Campbell SK. Facilitation of cognitive and motor development in infants with central nervous system dysfunction. *Phys Ther.* 1974;54:346-353.

Campbell SK, Parker TD, Welker W. Somatotopic organization of the external cuneate nucleus in albino rats. *Brain Res.* 1974;77:1-23.

Shambes GM, Campbell SK. Inherent movement patterns in man. *Kinesiology III.* 1973;:50-58.

Campbell SK, Kohli MA. Audio-tutorial independent study of goniometry. *J Amer Phys Ther Assn.* 1970;50:195-200.

Campbell SK. M.S. degree in physical therapy. *Phys Ther.* 1970;50:378-379.

### Peer Reviewed Scientific and Professional Presentations:

Ustad, Tordis; Evensen, Kari Anne Indredavik; Campbell, Suzann K; Girolami, Gay L; Helbostad, Jorunn L.; Jørgensen, Lone; Kaaresen, Per Ivar; Øberg, Gunn Kristin. The Norwegian Physiotherapy Study in Preterm Infants, a randomized controlled study of early intervention: outcome at week 37 postmenstrual age. European Academy of Childhood Disability 28th Annual Meeting 2016-06-01 - 2016-06-04 2016.

Ustad, Tordis; Evensen, Kari A. Indredavik; Campbell, Suzann K; Girolami, Gay L; Helbostad, Jorunn L.; Jørgensen, Lone; Kaaresen, Per Ivar; Øberg, Gunn Kristin. Tidlig fysioterapi til barn som er født premature: En randomisert kontrollert studie. *Prematurposten* 2016; Volum 4.s 8 - 10.

Ustad T, Evensen KAI, Campbell SK, Helbostad J, Jørgensen L, Kaaresen PI, Øberg GK. The Norwegian Physiotherapy Study in Preterm Infants, a Randomized Controlled Study of Early Intervention: Outcome at Week 37 Postmenstrual Age. *Pediatric Academic Societies Meeting*, April 30-May 3, 2016, Baltimore, MD.

Campbell SK, Cole WC, Boynewicz K, Zawacki L, Clark A, Kale D, Madhavan S. Target Kicking Accuracy in Infants with Periventricular Brain Insults: Does Early Experience Matter? *World Confederation of Physical Therapy*, Singapore, 2015. Abstract: *Physiother* 2015;101:e195.

Ustad, Tordis; Helbostad, Jorunn L.; Campbell, Suzann K.; Girolami, Gay; Jørgensen, Lone; Øberg, Gunn Kristin; Evensen, Kari A. Indredavik. Test-retest reliability of the Test of Infant Motor Performance Screening Items in infants at risk for motor difficulties. *European Academy of Childhood Disability 26th annual meeting* 2014-07-03 - 2014-07-05 2014.

Darr NS, Franjoine MR, Smith EV, Campbell SK: Rasch Analysis of the Pediatric Balance Scale. *APTA Combined Sections*, Las Vegas, NV, 2014. Abstract: *Pediatr Phys Ther* 2014;25:115-116.

Barbosa V, Campbell SK: The Test of Infant Motor Performance Item Response Among Infants with Different Developmental Outcome. 14<sup>th</sup> Biennial International Conference on Infant Studies, Chicago, IL 2004.

Campbell SK (with Barbosa VM): Early Development of Infants with Cerebral Palsy as Measured by the Test of Infant Motor Performance. II Eastern Mediterranean Meeting on Cerebral Palsy & Developmental Medicine, Santorini, Greece, 2004.

Campbell SK (with Kolobe THK, Osten E): Test-retest Reliability of the Test of Infant Motor Performance. APTA Scientific Meeting and Exposition, Orlando, FL, 1998.

The Test of Infant Motor Performance, International Workshop on Spontaneous Motor Activity as a Diagnostic Tool, Graz, Austria, 1996.

Campbell SK (with Osten E, Kolobe THA, Girolami G, Lenke M): Defining a Measure of Functional Movement in Infants. Annual Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, Nashville, TN, 1993; Patricia Miller Award presentation, New Orleans, LA, 1994.

Correlates of Referral to Physical Therapy of Children with Cerebral Palsy (with Gardner HG, Ramakrishnan V, Anderson J). Annual Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, San Diego, CA, 1992.

Efficacy of Physical Therapy in Improving Postural Control in Children with Cerebral Palsy, Consensus Conference on Efficacy of Physical Therapy in the Management of Cerebral Palsy, Pre-conference Instructional Course (Course Coordinator), APTA Combined Sections, New Orleans, LA, 1990.

Physicians' Opinions on Referral of Children with Cerebral Palsy to Physical Therapy, Consensus Conference on Efficacy of Physical Therapy in the Management of Cerebral Palsy, Pre-conference Instructional Course, APTA Combined Sections, New Orleans, LA, 1990.

Comparative Performance of Infants on Three Tests of Gross Motor Development, American Physical Therapy Association/Canadian Physiotherapy Association Congress, Las Vegas, NV, 1988 (with IJ Wilhelm, W Phillips, and DS Slaton).

Development from 0-3 Years of Children at High Risk for CNS Dysfunction, Invited Address, Annual Conference of the American Physical Therapy Association, Kansas City, MO, 1983 (with IJ Wilhelm).

Evaluation of the North Carolina Regionalized Perinatal Care Program, Annual Conference of the American Physical Therapy Association, Anaheim, CA, 1982 (with Siegel E, Gillings D and Guild P).

Development of Infants at Risk for CNS Dysfunction, Invited Address, Annual Conference of the American Physical Therapy Association, Phoenix, AZ, 1981 (with IJ Wilhelm).

### Non-Peer Reviewed Publications:

#### **Books**

Campbell SK (ed), Palisano RJ, Orlin M (assoc eds): Physical Therapy for Children. St. Louis, Elsevier, 4<sup>nd</sup> ed., 2012.

Campbell SK (ed): Decision Making in Pediatric Neurologic Physical Therapy. New York, Churchill Livingstone, 1999.

Campbell SK, Wilhelm IJ (eds): *Meaning of Culture in Pediatric Rehabilitation and Health Care*. New York, Haworth Press, 1991.

Campbell SK (ed): *Clinics in Physical Therapy, Vol 5: Pediatric Neurologic Physical Therapy*. New York, Churchill Livingstone, 1984, 2nd ed., 1991.

## **Chapters**

Palisano RJ, Campbell SK, Harris SR: Evidence-based Decision Making in Pediatric Physical Therapy. In Campbell SK, Palisano RJ, Orlin MN (eds): *Physical Therapy for Children*. St. Louis, Elsevier, 4<sup>th</sup> ed., 2012, pp 1-36.

Campbell SK: The Child's Development of Functional Movement. In Campbell SK, Palisano RJ, Orlin MN (eds): *Physical Therapy for Children*, 4<sup>th</sup> ed. St. Louis, Elsevier, 2012, pp 37-86.

Zawacki L, Campbell S. From observation to rehabilitation. In, Cioni G, Mercuri E, *Neurological Assessment in the First Two Years of Life*. Clinics in Developmental Medicine No. 176. London, MacKeith Press, 2007, pp. 230-245.

Campbell SK: The quest for measurement of infant motor performance. In Refshauge K, Ada L, Ellis E (eds), *Science-based Rehabilitation: Theories into Practice*. Philadelphia, Butterworth Heinemann, 2005, pp 49-65.

Campbell SK, Barbosa VM: Early Development of Infants with Cerebral Palsy as Measured by the Test of Infant Motor Performance. *Brain & Development* 26 Supp 1:S34-S35 (abstract), 2004

Campbell SK, Barbosa V: The Challenge of Early Diagnosis. *Dev Med Child Neurol* 45 Supp 94: 5-6 (abstract), 2003.

Campbell SK: Revolution in Progress: A Conceptual Framework for Examination and Intervention. *Neurology Report* 24(2):42-46, 2000.

Campbell SK: The Child's Development of Functional Movement. In Campbell SK, Vander Linden DW, Palisano RJ (eds): *Physical Therapy for Children*. Philadelphia, WB Saunders, 1994, pp 3-37, second edition, 1999.

Palisano RJ, Campbell SK, Harris SR: Decision Making in Pediatric Physical Therapy. In Campbell SK, Vander Linden DW, Palisano RJ (eds): *Physical Therapy for Children*. Philadelphia, WB Saunders, 1994, pp 183-204, second edition, 1999.

Campbell SK: Models for Decision Making in Pediatric Neurologic Physical Therapy. In Campbell SK (ed): *Decision Making in Pediatric Neurologic Physical Therapy*. New York, Churchill Livingstone, 1999, pp 1-22.

Campbell SK: The Infant at Risk for Developmental Disability. In Campbell SK (ed): *Decision Making in Pediatric Neurologic Physical Therapy*. New York, Churchill Livingstone, 1999, pp 260-332.

Campbell SK: Future Directions for Physical Therapy Assessment in Infancy. In Wilhelm IJ (ed): *Physical Therapy Assessment in Early Infancy*. New York, Churchill Livingstone, 1993.

Campbell SK, Osten E, Kolobe THA, Fisher A: Development of the Test of Infant Motor Performance. *Phys Med Rehab Clin N Amer* 4(3):541-550, 1993.

Campbell SK: Measurement of Motor Performance in Cerebral Palsy. In Forssberg H, Hirschfeld H (eds): *Movement Disorders in Children*. Medicine and Sport Science No. 36. Basel, Karger, 1992, pp 264-271.



Campbell SK: Expected Outcomes of Physical Therapy for Children with Cerebral Palsy: The Evidence and the Challenge. In Sussman MD (ed): *The Diplegic Child: Evaluation and Management*. Rosemont, IL, American Academy of Orthopaedic Surgeons, 1992, pp 221-227.

Campbell SK: Central Nervous System Dysfunction in Children. In *Clinics in Physical Therapy, Vol. 5: Pediatric Neurologic Physical Therapy*, SK Campbell (ed.). New York, Churchill Livingstone, 1984, pp.1-12; pp. 1-17, 1991.

Campbell SK: Framework for the Measurement of Neurologic Impairment and Disability. In Lister M (ed): *Proceedings of II Step Conference: Contemporary Management of Motor Control Problems*. Foundation for Physical Therapy, 1991, pp 143-153.

Campbell SK: Effects of Developmental Intervention in the Special Care Nursery. In *The Advances in Developmental and Behavioral Pediatrics, Volume IV*, D Routh and ML Wolraich (eds). Greenwich, CT, JAI Press, 1983, pp.165-179.

Campbell SK, Wilhelm IJ, Attermeier SA, Slaton DS: Baby Research and Training Section Progress Report: Development of Infants at Risk for CNS Dysfunction. In *Caring for Special Babies*, DS Slaton (ed). University of North Carolina at Chapel Hill, Chapel Hill, NC, 1983, pp. 96-136.

Campbell SK and Wilhelm IJ: Developmental Sequences in Infants at Risk for CNS Dysfunction: The Recovery Process in the First Year of Life. In *An Interdisciplinary Approach to the Optimal Development of Infants: The Special Infant*, JM Stack (ed). New York, Human Sciences Press, 1982, pp.90-153.

Campbell SK: Oral Sensorimotor Physiology. In *Oral-Motor Function and Dysfunction in Children*, JM Wilson (ed). University of North Carolina at Chapel Hill, Chapel Hill, NC, 1978, pp. 1-11.

Campbell SK: The Developing Infant: Neuromuscular Maturation. In *The Comprehensive Management of Infants at Risk for CNS Deficits*, CM Heriza (ed). University of North Carolina at Chapel Hill, Chapel Hill, NC, 1975, pp. 63-68.

Campbell SK: Clinical Decision Making: Management of the Neonate With Movement Dysfunction. In *Clinical Decision Making in Physical Therapy*, SL Wolf (ed). Philadelphia, FA Davis, 1985, pp.295-324.

Campbell SK: Assessment of the Child With CNS Dysfunction. In *Clinics in Physical Therapy Vol 7: Measurement in Physical Therapy*, J Rothstein (ed), New York, Churchill Livingstone, 1985, pp. 207-228.

### Non-Peer Reviewed Presentations:

The Test of Infant Motor Performance. Hospital for Special Surgery, New York, NY, June 2013.

Effects on Motor and Brain Development of Kicking and Stepping Exercise in Preterm Infants with Periventricular Brain Injury. New York University, New York, NY, June 2013.

Selection and Interpretation of Standardized Measures of Motor Development and Function. Advanced Clinical Practice Course, Section on Pediatrics of the APTA, San Antonio, TX, October 12, 2012.

Them That's Got Shall Get, Them That's Not Shall Lose: Disparities in Access to Rehabilitation. Eleanor F. Branch Lecture, Duke University, Durham, NC, May 8, 2012.

Effects on Motor and Brain Development of Kicking and Stepping Exercise in Preterm Infants with Periventricular Brain Injury: A Pilot Study. Israeli Bobath Tutors Association, Safra Childrens' Hospital, Tel Hashomer, Israel, July 21, 2012.

Early Intervention and Development on the AIMS of Infants with Perinatal White Matter Injury. Annual Conference of the Section on Pediatrics of the APTA, Anaheim, CA, August 31, 2011.

When Should Center-based Therapy Be Considered? Round table on Physical Therapy in the Natural Environment. Annual Conference of the Section on Pediatrics of the APTA, Anaheim, CA, September 2, 2011.

The Translation of Clinical Experience into Research That Transforms Practice, First Knowledge Translation Lecture, Combined Sections Meeting of the APTA, San Diego, CA, February 20, 2010.

Lessons from a Longitudinal Study of Infants with Perinatal White Matter Injury, Annual Conference of the Section on Pediatrics of the APTA, Orlando, FL, January 12, 2010.

A Brief History of Physical Therapy Management of Cerebral Palsy, Susan Harryman Lectureship, the Johns Hopkins University, Baltimore, MD, 2009.

The Test of Infant Motor Performance as a Parent Education Tool, Child and Family Development Clinic, University of Illinois at Chicago, 2009.

The Test of Infant Motor Performance. Hong Kong Pediatric Special Interest Group, Hong Kong, PRC, 2007.

The Test of Infant Motor Performance. Illinois Early Intervention Conference, Alsip, IL, 2006.

Are Models of Rehabilitation Useful in Real Cases? Pediatric Case Examples Realized in Research, Education, and Clinical Practice. III Step Summer Institute on Translating Evidence into Practice: Linking Movement Science and Intervention, Salt Lake City, UT, 2005.

Evidence-based Practice: Where is the Evidence and How Do We Use It? American Physical Therapy Association Section on Pediatrics Advanced Practice Seminar, Cary, NC, 2005.

Performance of Children with Cerebral Palsy on the TIMP and the AIMS. Spectrum of Developmental Disabilities XXV Conference, Johns Hopkins University, Baltimore, MD, 2003.

Campbell SK (with Barbosa V): The Challenge of Early Diagnosis. International Conference on Cerebral Palsy, Quebec City, Canada, 2003.

Baby Scientists at Work: How Infants Learn Movements, Provost's Cutting Edge Lecture Series, University of Illinois at Chicago, Chicago, IL, 2002.

NDT and the Evidence: Theory and Clinical Practice with Children. American Physical Therapy Association Scientific Meeting and Exposition, Section on Neurology, Cincinnati, OH, 2002.

PT 2000: Nurturing the Profession. Thirtieth Mary McMillan Lecture. APTA Scientific Meeting and Exposition, Washington, DC, 1999.

The Test of Infant Motor Performance: The Search for Instability. Invited Speaker, Columbia University Motor Control Conference, New York, NY, 1998.

Current and Future Issues in Pediatric Therapy. Catch >98, Wisconsin Physical Therapy Association, Milwaukee, WI, 1998.

Learning Issues in Pediatric Rehabilitation. National Center for Medical Rehabilitation Research, National Institutes of Health, Bethesda, MD, 1997.

Evidence-based Practice: Intrathecal Baclofen for Cerebral Palsy. Invited Symposium Speaker, American Academy for Cerebral Palsy and Developmental Medicine, Minneapolis, 1996.

All the World=s a Stage, graduation address, University of Southern California, 1995.

Therapy Programs for Children That Last a Lifetime, Invited Address, World Confederation for Physical Therapy, Washington, DC, 1995.

Framework for Assessing Therapeutic Outcomes, Invited Address, Presidential Symposium, American Academy for Cerebral Palsy and Developmental Medicine, Philadelphia, 1995.

Measurement and Clinical Decision Making. Invited Address, Biennial meeting of the New Zealand Physiotherapy Association, Auckland, NZ, 1994.

Functional Motor Development in Infancy. Invited Address, Biennial meeting of the New Zealand Physiotherapy Association, Auckland, NZ, 1994.

Development of the Test of Infant Motor Performance (with E Osten, THA Kolobe, A Fisher). Progress in Rehabilitation: Issues in Measurement, SUNY-Buffalo, Buffalo, NY, 1992.

Development of the Test of Infant Motor Performance, Invited Address, Great Lakes Perinatal Research Conference, Itaska, IL, 1992.

Treatment in Cerebral Palsy: Is There Consensus on Outcome and Effectiveness? Invited Symposium Speaker (with P Rosenbaum and M Goldberg), Annual Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, San Diego, CA, 1992.

Measurement of Motor Performance in Cerebral Palsy, Sven Jerring Symposium on Treatment of Children with Movement Disorders: Theory and Practice, Stockholm, Sweden, 1991.

Framework for the Assessment of Neurologic Disability, Invited Address, II Step Motor Control Conference, Normal, OK, 1990.

Physicians' Beliefs in the Outcomes of Physical Therapy, Invited Address, Agency for Health Care Policy and Research Conference on Allied Health, Keywest, FL, 1990.

Leadership Training in Maternal and Child Health, MCH Leadership Conference, Washington, DC, 1989.

Assessment of Motor Performance in Infants with Cerebral Palsy, The Sixth Elizabeth F. Zausmer Lecture in Physical Therapy, The Children's Hospital, Boston, MA, 1987.

Natural History of the Development of High Risk Infants, McGill University, Montreal, Quebec, Canada, 1981.

### **Funded Grant Activity:**

Consultant, Validation of the Pediatric Balance Scale Using Rasch Analysis (MR Franjoine, PI), APTA Section on Pediatrics, 2012.

Co-investigator, Feeding and Transition to Home for Preterms at Social Risk (R White-Traut, PI), National Institutes of Health, 2007-2012.

Co-investigator, Physiotherapy for Preterm Infants in the NICU (GK Oberg, PI), Norwegian Regional Health Authorities, 2009-2012.

Principal Investigator, A Clinical Trial of Physical Therapy to Promote Locomotion in Infants with White Matter Injury. UIC Center for Clinical and Translational Science, 2007 (\$86,320 direct costs).

Consultant, Toolbox for Assessment of Neurological and Behavioral Function (Gershon, PI), National Institutes of Health, 2006-2011.

Co-investigator, Building Capacity for Health Disparities Research (J Warnecke, PI), National Institutes of Health, 2006-2011.

Director, Recruitment and Admissions, K-30 (Jack Zwanziger, PI), National Institutes of Health, 2005-2010.

Principal Investigator, Norming a Diagnostic Motor Scale for Infants, R01 HD38867, National Institutes of Health, USPHS, 2001-2004 (\$620,000 direct costs).

Principal Investigator, A Motor Test for Pediatric Rehabilitation, R01 HD32567, National Institutes of Health, USPHS, 1996-1999 (\$877,000 direct costs).

Project Director, Educational Programs for Physical Therapists in Family-Centered Care, Maternal and Child Health Bureau, USPHS, DHHS, 1992-1997 (\$127,000/year).

Center Director, Clinical Research Center for the Physically Challenged, one of four finalists, Foundation for Physical Therapy, 1990, not funded.

Clinical Assessment Coordinator, Effects of Intrathecal Baclofen on Spasticity in Cerebral Palsy (R. Penn, Principal Investigator), NIH, 1989-92.

Principal Investigator, Development of a Neonatal Functional Motor Performance Scale, Foundation for Physical Therapy, 1990-92.

Principal Investigator, Physicians' Decisions to Refer Children with Cerebral Palsy to Physical Therapy, Agency for Health Care Policy and Research, DHHS, 1990-92.

Adjunct Faculty Member, Advanced Competencies in Maternal and Child Health for Occupational Therapists, Maternal and Child Health Service, Bureau of Health Care Delivery and Assistance, USPHS, DHHS, 1987-1992.

Co-Project Director (with D. Slaton), National Priorities in Pediatric Physical Therapy, Maternal and Child Health Service, Bureau of Health Care Delivery and Assistance, USPHS, DHHS, 1986.

Principal Investigator, Development of Infants at Risk, Foundation for Physical Therapy, 1980.

Developmental Specialist, A Controlled Evaluation of Regionalized Perinatal Care (E. Siegel, Principal Investigator), USPHS, DHHS, 1979-1981.

Charles E. Culpeper Fellowship in the Medical Sciences, 1985-1987.

Traveling Fellowship in Research, Foundation for Physical Therapy, 1980.

Project Director, Postgraduate Programs for Physical and Occupational Therapists in Maternal and Child Health, Maternal and Child Health Service, Bureau of Health Care Delivery and Assistance, USPHS, DHHS, 1973-1987 (\$150,000/yr).

Principal Investigator, Development of Infants at Risk for CNS Dysfunction, American Academy for Cerebral Palsy and Developmental Medicine, 1976.

NIH Individual Predoctoral Research Fellowship, 1970-1972.

Language Proficiency:

German (moderate reading, basic oral)

Other Scholarly Products:

**Correspondence Course Lessons**

Campbell SK: Using Standardized Tests in Clinical Practice. In Touch Home Study Course, Topics in Pediatrics, APTA, Alexandria, VA, 1990.

Campbell SK: Application of Exercise Principles to Treatment of Cerebral Palsy. Postgraduate Advances in Physical Therapy, Forum Medicum/APTA, Berryville, VA, 1988.

Campbell SK: Evaluation of the Neonate. Postgraduate Advances in Physical Therapy, Forum Medicum/APTA, Berryville, VA, 1987.

**Pamphlets and Articles for the Lay Public**

Campbell SK. Planning a Personal Program for Doctoral Education for the Physical Therapist. Alexandria, VA, American Physical Therapy Association, 1985, 1990.

Campbell SK. Exercising your baby. Genesis. 1984;6:11-13.

**Audio visual materials**

Course Director, The TIMP in the Cloud, an e-Learning Course on the Test of Infant Motor Performance. Chicago, IL, Infant Motor Performance Scales, LLC, 2016.

CD-ROM Multimedia Instructional Program: Campbell SK, Liao P-jM, Girolami GL, Kolobe THA, Osten ET, Lenke MC: The Test of Infant Motor Performance. A Self-Instructional CD Program (V. 4.1). Chicago, IL, Infant Motor Performance Scales, LLC, 2007.

CD-ROM Multimedia Instructional Program: Mao P-j, Campbell SK: A Learning Program for Scoring the Test of Infant Motor Performance. Chicago, IL, Infant Motor Performance Scales, LLC, 1998.

Videotape Consultant and Participant: Redefining Early Infant Assessment; Is My Baby OK? (Available in Spanish or English), Pathways Awareness Foundation, 1992. Aired on more than 180 public television stations.

Videotapes: PT 16, 17, 18, Neurodevelopmental Examination of an Infant with Cerebral Dysfunction. University of Wisconsin Medical Center, 1971.

16 mm film: "Infant Neurodevelopmental Examination", Department of Postgraduate Medicine and Department of Cinema, University of Wisconsin, 1970.

Slide-tape program: Goniometry I, II, and III, University of Wisconsin, Department of Postgraduate Medicine, 1970.

Continuing Education Workshops Conducted/Organized:

The Test of Infant Motor Performance (2 days): Chicago, IL, 2000; Singapore, 2001; Berne, Switzerland, Warsaw, Poland, 2007; Helsinki, Finland, Chania, Crete, 2008; Tel Aviv, Israel, 2012; Brisbane, Australia, 2013; Copenhagen, Denmark, 2014.

The Test of Infant Motor Performance (2 hrs.), APTA Combined Sections Meeting, Nashville, TN, 2008

The Test of Infant Motor Performance (2 hrs.), Insights Into Assessment, A Conference Focusing on Assessment in Early Intervention, Alsip, IL, 2006.

Evidence-based Practice (2 hrs.), 8<sup>th</sup> Annual Advanced Clinical Practice in Pediatric Physical Therapy Course, Cary, NC, 2005.

Evidence-based Practice Considerations (2 hrs.), Positive Pediatrics, Brookfield, WI, 2002.

Evidence-based Practice (2 hrs.), Section on Pediatrics Workshop, Oak Brook, IL, 2001.

Coordinator, Annual Meeting of the Maternal and Child Health Project Directors in Occupational Therapy, Physical Therapy, and Speech and Language Pathology, Chicago, IL, 1997.

The Test of Infant Motor Performance; Use of Standardized Measures in Pediatric Practice, Spring Conference, Alabama Chapter, APTA (6 hrs.), 1996.

Co-Coordinator of Clinical Practice Workshops for Rural Therapists 1994-96 (2 days): Hazard, Kentucky; Keshena, Wisconsin; Mount Vernon, Illinois

Pathokinesiology of Cerebral Palsy (4 hrs.), National Women's Hospital, Auckland, NZ, 1994.

The Test of Infant Motor Performance; Use of Standardized Measures in Pediatric Practice, APTA Section on Pediatrics Regional Workshops on Standardized Measurement (4 hrs.): Ann Arbor, MI; Columbus, OH; Indianapolis, IN; North Chicago, IL; LaCrosse, WI, 1994.

Pathokinesiology of Cerebral Palsy (8 hrs.), Shriner's Hospital, Chicago, IL, 1991.

Clinical Instructor, Toward Excellence in Physical Therapy Practice: A Conference on Comprehensive Clinical Decision-Making (9 hrs.), Georgia Chapter, American Physical Therapy Association, Atlanta, GA, 1982.

Developmental Interventions in Neonatal Care, Program Co-chair of 3-day conference and presentation on Assessment of Performance in Infants with CNS Dysfunction, Chicago, IL, 1986.

Neuro-Developmental Treatment Course, Pathokinesiology of Cerebral Palsy (12 hrs.):

Hugh MacMillan Medical Centre, Toronto, Ontario, Canada, 1987, 1991

Curative Rehabilitation Center, Milwaukee, 1988

University of Western Ontario, London, Ontario, Canada, 1988

Pathways Center for Children, Glenview, IL, 1988, 1996

Milwaukee NDT, Milwaukee, WI, 1989

Montreal Children's Hospital, Montreal, Quebec, Canada, 1989

Children's Rehabilitation Centre, Ottawa, Ontario, Canada, 1990.

Alberta Children's Hospital, Calgary, Alberta, Canada, 1992.

City Kids, Chicago, IL, 1996, 1998

Cerebral Palsy Centre, Bray, Ireland, 1997

### Other Continuing Education Contributions

#### **Hooked on Evidence Reviews:**

Effect of a developmental program on motor performance in infants born preterm.

Efficacy of a Neuro-developmental treatment program to improve motor control in infants born prematurely.

### Membership in Scientific/Professional Organizations:

Advisory Board Member, Center on Research on Functional Outcomes Measurement, State University of New York at Buffalo, 1994-97.

Member, National Advisory Board, National Center for Medical Rehabilitation Research, NICHD, National Institutes of Health, 1991-95.

Ad hoc Research Grant Reviewer: March of Dimes, Canadian Easter Seal Society, National Institute on Drug Abuse, National Institute of Child Health and Human Development, Maternal and Child Health Service, Health and Welfare Canada.

Manuscript and Book Reviewer in pediatrics, neurophysiology, and education, Physical Therapy, Journal of the American Physical Therapy Association, 1973-Present.

Co-editor, APTA In Touch Home Study Course, Topics in Pediatrics, 1989-90.

Manuscript Reviewer, Journal of Pediatric Psychology, 1978-88.

Manuscript Reviewer, Archives of Physical Medicine and Rehabilitation, 1996-97.

Founding Editor, Physical & Occupational Therapy in Pediatrics, The Journal of Developmental Therapy, 1979-1984, Co-Editor, 1985-1992; Consulting Editor, 1992-1997.

Member, Editorial Board, The Journal of Applied Research in Mental Retardation, 1979-1984.

Member, Roster of Research Consultants, American Occupational Therapy Foundation, 1981-1987.

Member, Research Grant Review Committee, Foundation for Physical Therapy, 1982-1985.

Member, Editorial Advisory Board, Clinics in Physical Therapy Monograph Series, Churchill Livingstone Publishers, 1983-2000.

Faculty Member, Postgraduate Advances in Physical Therapy (office study course), Forum Medicus/APTA, 1987-88.

Illinois Neonatal Developmental Follow-up Association, 2004-present.

Member, Institutional Review Board (human subjects research review), Pathways Center, Glenview, IL, 2005-2010.

American Physical Therapy Association (since 1965) Elected Catherine Worthingham Fellow, 1987

Member, Graduate Education Committee, 1977-1978

Member, Advisory Council on Physical Therapy Education, 1983-1986

Member, Task Force on the Faculty Shortage, 1984-1985

Member, Task Force on Measurement Standards in Physical Therapy, 1988-89

Member, Task Force on Research, 1988-90

Member, Ad Hoc Task Force on Coalitions for Consensus Document, 1994-96

Member, Finance Committee, 1995-2000

Member, Task Force on Measurement, Section on Research, 2006

Wisconsin Chapter

Chairman, Membership Committee, 1966-1968

Vice-President, 1969-1971

President and Chief Delegate, 1971-1972

North Carolina Chapter

Chairman, Education Committee, 1973-1974

Member, Finance Committee, 1983-1986

Treasurer, 1984-1985

Illinois Chapter

Member, Adopt-a-Doc Selection Committee, 1994

Section on Pediatrics

Treasurer, 1990-1994

Society for Research in Child Development, 1976-1992

Member, Interdisciplinary Affairs Committee, 1979-1981

American Academy for Cerebral Palsy and Developmental Medicine, Fellow

Member, Nominating Committee, 1993, 1995

Member, Continuing Education Committee, 1994-96

Instructional Course Chair, 1996

Member, Evidence-based Practice Guidelines Committee, 1996, Consultant, 1997-98

American Association of University Professors

Vice-President, University of Illinois at Chicago Chapter 1995-1997

President, University of Illinois at Chicago Chapter 1997-98

Phi Kappi Phi, Treasurer, University of Illinois at Chicago Chapter, 1999-2005

Consultative and Advisory Positions Held:

Consultant, Treatment of cerebral palsy, Columnist Ann Landers, periodic requests.

Research Consultant, DuPage Easter Seals Center, Villa Park, IL, and Pathways Center for Children, Glenview, IL, 1988-90.

Consultant, Developing Interdisciplinary Doctoral Program in Neurodevelopment, Sargent College of Allied Health Professions, Boston University, Boston, MA, 1977.

Consulting Editor, Journal of Allied Health and Human Behavior, 1977-1980.

Consultant, Parents Magazine, on exercise programs for infants, 1984.

Consultant, Environmental Protection Agency, Research Triangle Park, NC, on assessment of developmental effects of PCBs on offspring of exposed women, 1984.

Consultant, Frank Porter Graham Child Development Center, UNC-CH, Robert Wood Johnson Foundation Low Birthweight Infant Development Project, 1984.

Consultant, Development of Curricula to Train Entry Level Physical and Occupational Therapists to Work in the Public Schools, College of Associated Health Professions, University of Illinois at Chicago, 1987.

Consultant, Evaluation of doctoral program in physical therapy, Hahnemann University, Philadelphia, PA, 1988.

Consultant, Development of rehabilitation services, Montreal Children's Hospital, Montreal, Quebec, 1988.



Consultant, Physical Therapy Curriculum Review, University of Wisconsin-Milwaukee, 1999.

Consultant, University Family Health Service, Madison, WI, 1971-1972.

Consultant, Kiddie Camp Preschool for Retarded Children, Madison, WI, 1971-1972.

#### MEASUREMENT CONSULTATION:

Gross Motor Performance Measure, Queens' University, Kingston, Ontario, 1988.

Alberta Infant Motor Scale, University of Alberta, Edmonton, Alberta, 1989.

Pediatric Evaluation of Disability Inventory, Tufts University, Boston, MA, 1989.

Miller Toddler and Infant Motor Evaluation, KID Foundation, Englewood, CO, 1990.

Lekotek, Chicago, IL, 1990.

Revision of the Bayley Scales of Infant Development, Motor Scale, Psychological Corporation, 1991.

Training Grant Performance Outcomes, Maternal and Child Health Bureau, DHHS, 1996.

Pediatric Balance Scale, Daemen College, 2012.

#### Community Service:

Principal Flutist, Madison Civic Symphony, 1970-1971.

Member, Community Resources Program, teaching classes on the nervous system for elementary and secondary school children, Chapel Hill-Carrboro Public School System, 1977-1984.

Vice-President, Chapel Hill Bird Club, 1982-1983.

Loon monitor, Sigurd Olsen Environmental Institute, Northland College, Ashland, WI, 1987-present.

Member, Medical Round Table (public education campaign on cerebral palsy), Pathways Awareness Foundation, Chicago, IL, 1988-2005. Consultant on development of public service brochure Parents Don't Delay used by more than 900 agencies across the U.S.

Member, Services Advisory Committee, 1989-90; Research Advisory Committee, 1991, United Cerebral Palsy of Greater Chicago.

Project Director, Waubee Lake Ecology Grant, Wisconsin Department of Natural Resources, 1994.

Performer, Gang of Toes modern dance group, volunteer performances in Chicago-area nursing homes, 2002-2003.

Member, Persons with Disabilities Committee, Clerk of the Circuit Court of Cook County, 2005-2008.

Member, Poo Crew, McDonald's Thanksgiving Parade Equestrian Units, Chicago, IL, 2009-present.

Flutist, UIC Concert Band, UIC Wind Ensemble, Chicago, IL, 2006-2015.

Volunteer, Get Covered America, 2014-2015.

Mentor, UIC Mid-Career Writing Mentoring Program, 2017

#### Services to the University/College/School on Committees/Councils/Commissions:

##### UNIVERSITY OF ILLINOIS AT CHICAGO (UIC):

Member, Search Committee for Vice Provost for Health, 2006

Group Facilitator, UIC Strategic Planning, 2004  
Member, Graduate College Executive Committee (elected Promotion and Tenure Committee), 1996-98  
Member, Executive Committee of the Faculty Senate (elected), 1995-97  
Member, Faculty Senate from the College of Associated Health Professions, 1988-91, 1994-97  
Member, Senate Committee on Educational Policy, 1990-92  
Member, Athletic Committee, 1989-91

UIC COLLEGE OF APPLIED HEALTH SCIENCES:

Member, College Executive Committee (elected), 1988-91  
Member, Search Committee for Physical Therapy Department Head, 1989-90  
Chair, College Promotion and Tenure Committee (elected), 1988-92  
Member, College Graduate Council, 1987-1998  
Chair, Search Committee for Movement Sciences Department Head, 2001-2002  
Member, Leadership Council, 1999-2008

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL (UNC-CH):

Member, Faculty Council, Representing the Division of Health Affairs, 1977-1979, 1984-1985.  
Member, Committee on Faculty Hearings (elected), 1980-1985, Chair, 1984-1985.  
Member, Committee on the Status of Minorities and the Disadvantaged (elected), 1983-1985.  
Member, Faculty Appointments Nominating Committee, 1984-1985.  
Member, Chancellor's Faculty Advisory Committee (elected), 1986-1987.

UNC-CH School of Medicine:

Member, Graduate Education Committee, Department of Medical Allied Health Professions, 1973-1982.  
Member, Search Committee for Chairperson of the Department of Medical Allied Health Professions, 1978-1979.  
Member, Medical Faculty Grants Committee, 1983-1985.  
Departmental Representative, Health Promotion/Disease Prevention Representative Group, 1984-1985.  
Member, Search Committee for Chairperson of the Department of Family Medicine, 1986-1987.

Honors and Awards:

Phi Kappa Phi, B.S. with honors, 1965

American Physical Therapy Association:

Mary McMillan Scholarship, 1964-1965  
APTA-VRA Fellowship, 1967-1968  
Golden Pen Award for scientific writing, 1978  
Research Award, Section on Pediatrics, 1984  
Elected Catherine Worthingham Fellow, 1987  
Distinguished Educator in Physical Therapy Award, Section on Education, 1988  
Marian Williams Award for Research in Physical Therapy, 1991  
Chattanooga Research Award for best clinical research paper in *Physical Therapy*, 1996  
Mary McMillan Lecture Award, 1999

Honorable Mention for Excellence in Allied Health, American Medical Writers' Association, for *Physical Therapy for Children*, 1995

American Academy for Cerebral Palsy and Developmental Medicine, Patricia Miller Award, 1994;  
Lifetime Achievement Award, 2009

Teaching Recognition Award (all-campus faculty peer review), Council for Excellence in Teaching and Learning, University of Illinois at Chicago, 1997

Alumni Achievement Award, University of Wisconsin-Madison, 2001

UIC University Scholar Award for excellence in research, 2002.

Pathways Pioneer Award, Pathways Awareness Foundation, 2008.

Jonas Salk Leadership Award for Research, March of Dimes, 2010.

**Continuing Education Attended (selected):**

World Confederation of Physical Therapy, Singapore, 2015.

Therapeutic Interventions from Birth to Three Years: Transitioning from Intensive Care to Home, Chicago, IL 2014.

Therapeutic Strategies in Osteogenesis Imperfecta; Cultural Competency, Online education, 2014.

13<sup>th</sup> Annual Perspectives in Care Symposium: Health and Developmental Outcomes of Children Born Prematurely, Chicago, IL 2009

The IDEA Part C Early Intervention Programs: Implementing Recommended Competencies for Physical Therapists, Chicago, IL, 2008

Feeding and Swallowing Therapy, Cincinnati, OH, 2007

8<sup>th</sup> Annual Advanced Practice in Pediatric Physical Therapy Course, Cary, NC, 2005; San Antonio, TX, 2012.

Update on SMA, Northwestern University, Chicago, IL 2010.

III Step Conference: Linking Movement Science & Intervention, Salt Lake City, UT, 2005.

Insights Into Assessment, A Conference Focusing on Assessment in Early Intervention, Alsip, IL, 2006.

The IDEA Part C Early Intervention Programs: Implementing Recommended Competencies for Physical Therapists, APTA Section on Pediatrics, Chicago, IL 2008.

APTA Combined Sections meetings: annually.

December 2016