

## **Biosketch**

**Lisa Ann Chiarello, PT, PhD, PCS, FAPTA** Professor  
Physical Therapy and Rehabilitation Sciences, Drexel University, Philadelphia, PA  
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### **Education:**

Hahnemann University, Philadelphia, PA, Doctor of Philosophy, 1993, Rehabilitation Sciences  
Ithaca College, Ithaca, NY, Bachelor of Science, 1983, Physical Therapy

### **Personal Statement**

My research foci are service delivery for children with disabilities and their families and factors influencing outcomes. These areas are interrelated and reflect my interest in a comprehensive rehabilitation research design, appreciating the complex interactions between the person and the environment in determining outcomes. I am especially passionate about the value of family-centered care and the role of pediatric physical therapy in fostering children's playfulness and participation. Participation of children in their family, school, and community is the ultimate goal of rehabilitation. I believe my line of research has the potential to define the focus of therapy services to support this outcome.

### **Employment**

1998-Present Drexel University, Physical Therapy and Rehabilitation Science,  
Current title: Professor  
Director: PhD, DHSc, & Pediatric Rehabilitation Certificate programs  
Graduate Research Faculty Appointment

### **Selected Professional Positions**

1994-present Physical Therapy, Manuscript Reviewer  
2000-present American Physical Therapy Association (APTA), Section on Pediatrics, Regional Director 2000-2004, Practice Committee Chair 2006-2010, Vice-Chair 2010-2011; Nominating Committee Chair, 2007; Early Intervention Special Interest Group, Chair 2011-2015  
2004-Present Shriners Hospitals for Children, Philadelphia. Member of Scientific Staff  
2005-present Pediatric Physical Therapy, Manuscript Reviewer  
2006-present Physical and Occupational Therapy in Pediatrics, editorial board member

### **Honors**

2014, APTA, Catherine Worthingham Fellow  
2011, Section on Pediatrics, APTA, Research Award; 2008, Bud DeHaven Award for Service  
1997, 2007 Pediatric Board Certified Clinical Specialist, APTA

### **Selected Peer Reviewed Publications**

Campbell P, **Chiarello L**, Wilcoux MJ, Milbourne S. (2009). Preparing therapists as effective practitioners in early intervention. *Infants and Young Children*, 22(1), 21-31.

Palisano RJ, Almasri N, **Chiarello L**, Orlin MN, Bagley A, Maggs J. (2009). Family needs of parents of children and youth with cerebral palsy. *Child: Care, Health & Development*, 36(1): 85-92.

- Chiarello L**, Almasri N, Palisano RJ. (2009). Factors related to adaptive behavior in children with cerebral palsy. *Journal of Developmental and Behavioral Pediatrics*, 30(5), 435-441.
- Palisano RJ, Kang LJ, **Chiarello LA**, Orlin M, Oeffinger D, Maggs D. (2009) Social and community participation of children and youth with cerebral palsy. *Physical Therapy*, 89(12), 1304-1314.
- Fiss AL, McCoy SW, Bartlett D, **Chiarello L**, Palisano R, Stoskopf B, Jeffries L, Yocum A, Wood A. (2010). Sharing of lessons learned from multisite research. *Pediatric Physical Therapy*, 22(4), 408-416.
- Bartlett D, **Chiarello L**, McCoy S, Palisano R, Rosenbaum P, Jeffries L, Fiss A, Stoskopf B. (2010). The Move and PLAY study: An example of comprehensive rehabilitation outcomes research. *Physical Therapy*, 90(11), 1660-1676.
- Orlin M, Palisano RJ, **Chiarello L**, Kang LJ, Polansky M, Almasri N, Maggs J. (2010). Participation in home, extracurricular, and community activities among children and youth with cerebral palsy. *Developmental Medicine and Child Neurology*, 52, 160-166.
- Chiarello L**, Palisano R, Maggs J, Orlin M, Almasri N, Kang L, Chang H. (2010). Family priorities for activity and participation of children and youth with cerebral palsy. *Physical Therapy*, 90(9), 1254-1264.
- Chiarello L**, Palisano R, Bartlett D, McCoy S. (2011). A multivariate model of determinants of change of motor abilities and engagement in self-care and play of young children with cerebral palsy. *Physical and Occupational Therapy in Pediatrics*, 31(2), 150-168.
- Palisano RJ, **Chiarello LA**, Orlin M, Oeffinger D, Polansky M, Maggs J, Bagley A, Gorton G. (2011). Determinants of intensity of participation in leisure and recreation activities by children with cerebral palsy. *Developmental Medicine and Child Neurology*, 53(2), 142-149.
- Palisano RJ, Orlin M, **Chiarello LA**, Oeffinger D, Polansky M, Maggs J, Gorton G, Tytkowski C, Vogel L, Abel M, Stevenson R. (2011). Determinants of intensity of participation in leisure and recreation activities by youth with cerebral palsy. *Archives of Physical Medicine and Rehabilitation*, 92(9), 1468-1476.
- McCoy SW, Yocum A, Bartlett DJ, Mendoza J, Jeffries L, **Chiarello L**, Palisano RJ. (2012). Development of the Early Activity Scale for Endurance (EASE) for children with cerebral palsy. *Pediatric Physical Therapy*, 24(3), 232-240.
- Palisano R, **Chiarello L**, King G, Novak I, Stoner T, Fiss A. (2012). Participation-based therapy for children with physical disabilities. *Disability and Rehabilitation*, 34(12), 1041-1052.
- Fiss A, McCoy S, **Chiarello L**. (2012). Comparison of family and therapist perceptions of physical and occupational therapy services provided to young children with cerebral palsy. *Physical and Occupational Therapy in Pediatrics*, 32(2), 210-226.
- Almasri N, Palisano R, Dunst C, **Chiarello L**, O'Neil M, Polansky M. (2012). Profiles of family needs of families of children and youth with cerebral palsy. *Child Care Health and Development*, 38(6), 798-806.
- Kang L, Palisano RJ, King GA, **Chiarello LA**, Orlin MN, Polansky M. (2012). Youth with cerebral palsy's social participation and self-perceived competence as a friend. *Child: Care, Health & Development*, 38(1), 117-127.
- Wong C, Bartlett D, **Chiarello L**, Chang L, Stoskopf B. (2012). Comparison of the prevalence and impact of health problems of preschool children with and without cerebral palsy. *Child Care Health and Development*, 38(1), 128-138.
- Palisano R, Begnoche D, **Chiarello L**, Bartlett D, McCoy S, Chang H. (2012). Amount and focus of physical therapy and occupational therapy for young children with cerebral palsy. *Physical and Occupational Therapy for Children*, 32(4):368-382.

**Chiarello L**, Palisano R, Orlin M, Chang H, Begnoche D, An M. (2012). Understanding participation of young children with cerebral palsy. *Journal of Early Intervention*, 34, 3-19.

King G, Imms C, Palisano R, Majnemer A, **Chiarello L**, Orlin M, Law M, Avery L. (2013). Geographical Patterns in the Recreation and Leisure Participation of Children and Youth with Cerebral Palsy: A CAPE International Collaborative Network Study. *Developmental Neurorehabilitation*, 16(3), 196-206.

Ward K, **Chiarello L**, Bartlett D, Palisano R, McCoy S, Avery L. (2014). Ease of Caregiving for Children: A measure of parent perceptions of the physical demands of caregiving for young children with cerebral palsy. *Research in Developmental Disabilities*, 35(12), 3403-3415.

Palisano R, **Chiarello L**, McCoy S, Bartlett D, An M. (2014). Use of the Child Engagement in Daily Life and Ease of Caregiving for Children to measure change in young children with cerebral palsy. *Physical and Occupational Therapy in Pediatrics*, Early Online: 1-16, DOI: 10.3109/01942638.2014.907221.

Aaron C, **Chiarello L**, Palisano R, O'Neil M, Gracely E. (2014). Relationships among parent participation, team support and intensity of services at the initial Individualized Family Service Planning meeting. *Physical and Occupational Therapy in Pediatrics*, 34(4), 343-355.

King G, **Chiarello L**. (2014). Family-centered care for children with cerebral palsy: Conceptual and practical considerations to advance care and practice. *Journal of Child Neurology*, 29(8), 1046-1054.

Bartlett D, **Chiarello L**, McCoy S, Palisano R, Jeffries L, Fiss A, Wilks P. (2014). Determinants of Self-Care Participation of Young Children with Cerebral Palsy. *Developmental Neurorehabilitation*, 17(6), 403-413.

Chang H, **Chiarello L**, Palisano R, Orlin M, Bundy A, Gracely E. (2014). The determinants of self-determined behaviors of young children with cerebral palsy. *Research in Developmental Disabilities*, 35, 99-109.

Bartlett D, **Chiarello L**, McCoy S, Palisano R, Jeffries L, Fiss A, Rosenbaum P, Wilk P. (2014). Determinants of gross motor function of young children with cerebral palsy: A prospective cohort study. *Developmental Medicine & Child Neurology*, 56(3), 275-282.

Fiss A, **Chiarello L**, Bartlett D, Palisano R, Jeffries L, Almasri N, Chang H. (2014). Family ecology of young children with cerebral palsy. *Child Care Health and Development*, 40(4), 562-571.

**Chiarello L**, Palisano R, McCoy SW, Bartlett D, Wood A, Chang HJ, Kang LJ, Avery L. (2014). Child Engagement in Daily Life: A measure of participation for children with cerebral palsy. *Disability and Rehabilitation*, 36(21), 1804-1816.

McCoy S, Bartlett D, Yocum A, Jeffries L, Fiss A, **Chiarello L**, Palisano R. (2014). Development and validity of the Early Clinical Assessment of Balance for young children with cerebral palsy. *Developmental Neurorehabilitation*, 17(6), 375-383.

Kang L, Palisano R, King G, **Chiarello L**, (2014). A Multidimensional Model of Optimal Participation of Children with Physical Disabilities. *Disability and Rehabilitation*, 36(20), 1735-1741.

Effgen S, McCoy SW, **Chiarello L**, Jeffries L, Bush H. (2015). Physical Therapy Related Child Outcomes in School: An example of Practice Based Evidence Research. *Pediatric Physical Therapy*. 28, 47-56.

Catalino T, **Chiarello L**, Long T, Weaver P. (2015). Promoting professional development for physical therapists in early intervention. *Infants and Young Children*. 28(2), 133-149.

An M, Palisano R, Dunst C, **Chiarello L**, Yi C, Gracely E. (2015). Strategies to Promote Family-Professional Collaboration: Two Case Reports. *Disability and Rehabilitation*, Early online.

**Chiarello L**, Bartlett D, Palisano R, McCoy S, Fiss A, Jeffries L, Wilks P. (2016). Determinants of Participation in Family and Recreational Activities of Young Children with Cerebral Palsy. *Disability and Rehabilitation*, Early Online.

Begnoche D, **Chiarello L**, Palisano R, Orlin M, McCoy S, Gracely E. (2016). Indicators of readiness for independent walking in young children with cerebral palsy. *Physical Therapy*, 96(2), 183-192.

### **Other Selected Publications**

**Chiarello L**. (2012). Serving infants, toddlers, and their families: Early intervention services under IDEA. In S. Campbell, R. Palisano, & M. Orlin (Eds.), *Physical Therapy for Children* (4<sup>th</sup> Ed., pp. 944-967). St. Louis, MO: Elsevier.

**Chiarello L**. (2013, 2004). Family-centered Care. In S. Effgen (Ed.) Meeting the Physical Therapy Needs of Children (2<sup>nd</sup> Ed. pp. 153-180; 1<sup>st</sup> Ed. pp. 108-127), Philadelphia: F.A. Davis Company.

### **Selected Research Support**

Palisano R, **Chiarello L**, Orlin M, McCarthy J, Mulcahey MJ, Sanders J, Vogel L, Anderson C, & Smith B. "Activity and Participation of Children with Cerebral Palsy". Shriners Clinical Outcomes Program, \$850,000, Co-Investigator, 2006-2008.

Bartlett D, **Chiarello L**, Palisano R, McCoy S, & Rosenbaum P. "Understanding the Determinants of Motor Abilities, Self-Care, and Play in Young Children with Cerebral Palsy". Canadian Institutes of Health Research, \$925,315, Co-Investigator, 10/06-9/09.

**Chiarello L**, Bartlett D, Palisano R, McCoy S, & Rosenbaum P. "Understanding the Determinants of Motor Abilities, Self-Care, and Play in Young Children with Cerebral Palsy". National Institute of Disability and Rehabilitation Research, Grant # H133G060254 \$449,267, Principal Investigator, 11/06-10/09.

Effgen S, McCoy S, **Chiarello L**, Jeffries L. "Relationship of Student Outcomes to School-Based Physical Therapy Services". Institute of Education Sciences, \$851,822, Co-Principal Investigator, 2011-2014.

Bartlett D, McCoy S, **Chiarello L**, Jeffries L, Fiss A, Palisano R, Hanna S, Gorter J. "Developmental Trajectories of Impairments, Associated Health Conditions, and Participation of Young Children with Cerebral Palsy". Canadian Institutes of Health Research. \$1,008,439 Canadian. Co-Investigator, 2012-2017.

McCoy SW, Bartlett D, Palisano R, **Chiarello L**, Jeffries L, LaForme Fiss A, Hanna S, Bjornson K. Developmental Trajectories of Impairments, Health, and Participation of Children with Cerebral Palsy. Patient-Centered Outcomes Research Institute, \$1,906,954 Co-investigator, 2013-2016.

King G, Wright V, Ziviani J, **Chiarello L**, Poulsen A, Schwellnus H, Ideishi R. Engagement in the Pediatric Rehabilitation Intervention Process: Its Nature, Measurement, and Role in the Determination of Outcomes. Canadian Institutes of Health Research, \$647,898, Co-investigator, 2014-2019.