

# ACADEMY OF PEDIATRIC PHYSICAL THERAPY

of the American Physical Therapy Association

## Advanced Clinical Practice in Pediatric Physical Therapy Course

September 27-29, 2019 \* Omaha, NE \* 20 contact hours (2.0 CEUs)

### Audience

Join us for the 20<sup>th</sup> Annual Advanced Clinical Practice in Pediatric Physical Therapy Course. This 2.5-day course is geared toward advanced practice and is intended for experienced pediatric physical therapists with a strong desire to investigate current theories and evidence-based practice across settings. Physical therapists who are considering taking the ABPTS examination are particularly encouraged to participate as part of their review.

Participants will be able to:

- 1) Demonstrate advanced clinical competency in the provision of physical therapy services for children with disabilities and their families, and
- 2) Synthesize and describe contemporary theories, evidence-based practice, and pediatric physical therapy practice patterns.

### Schedule

- The registration desk will be open at 7:00 am on Friday and at 7:30 am on Saturday and Sunday.
- Refreshments, including coffee, tea, and water in the morning and snacks/drinks during morning and afternoon breaks, will be served each day in the meeting room area.
- Breakfast, lunch, and dinner will be on your own.
- An optional discussion session regarding preparation for the Pediatric Clinical Specialist Certification exam and networking with fellow attendees is scheduled for Saturday immediately following the course presentations.

#### Day 1: Friday

8:00 - 8:15 am	<i>Welcome and Introductions</i>
8:15 - 10:15 am	<i>Evidence-Based Practice</i> (Kaplan)
10:15 - 10:30 am	Break with Refreshments
10:30 am - 12:30 pm	<i>Selection &amp; Interpretations of Measures of Motor Development</i> (Dole)
12:30 - 1:30 pm	Lunch (on your own)
1:30 - 3:30 pm	<i>Motor Control and Motor Learning</i> (Tucker)
3:30 - 3:45 pm	Break with Refreshments
3:45 - 5:45 pm	<i>Cardiopulmonary Examination and Intervention</i> (Nippins)

#### Day 2: Saturday

8:00 - 10:00 am	<i>Musculoskeletal System and Orthopedic Practice</i> (Shah)
10:00 - 10:15 am	Break with Refreshments
10:15 am - 12:15 pm	<i>School-Based Physical Therapy Services</i> (Effgen)
12:15 - 1:15 pm	Lunch (on your own)

1:15 - 3:15 pm	<i>Orthotics</i> (Martin)
3:15 - 3:30 pm	Break with Refreshments
3:30 - 5:30 pm	<i>Early Intervention-based Physical Therapy Services</i> (Cox)
5:45 - 6:45 pm	Optional Discussion Session: The PCS Process

### **Day 3: Sunday**

8:00 - 10:00 am	<i>Fitness for Children with Disabilities</i> (O'Neil)
10:00 - 10:15 am	Break with Refreshments
10:15 am - 12:15 pm	<i>NICU Physical Therapy Practice</i> (Sibley)

### **Speakers**

**Paula Cox, PT, DSc, PCS:** Dr. Cox is a licensed, board certified, physical therapist with clinical experience in pediatric neurological and neuromuscular rehabilitation. She is a member of the APTA, the Academy of Pediatric Physical Therapy (APPT), and the IL PT Association. Dr. Cox served on the APPT's NICU to EI transition work group. Dr. Cox presently works as an adjunct professor at Midwestern University in Downers Grove, Illinois. She operates a private pediatric practice in the Chicago area and provides ongoing mentoring to PTs in the Chicago area. She developed and presents the evidence-based pediatric continuing education course "Improving Function: Tools to Enhance Motor Control, Motor Learning, and Strength." Dr. Cox received her Doctor of Science in Pediatric Rehabilitation from the University of Oklahoma Health Sciences Program. Her doctoral research examined the use of a robotic scooter, the SIPPC, to provide early autonomous locomotion for infants with Down syndrome.

**Robin Dole, PT, DPT, EdD, PCS:** Dr. Dole is currently professor of physical therapy, director of the Institute for Physical Therapy Education, and associate dean in the School of Human Service Professions at Widener University in Chester, PA. Dole maintains an active clinical practice in early intervention and school-based physical therapy services. She is a co-author of *Peds Rehab Notes* by FA Davis, as well as several peer-reviewed publications in respected journals, including *Physical Therapy* and *Pediatric Physical Therapy*. She has been appointed to the editorial board of *Physical and Occupational Therapy in Pediatrics*. Dole received a BS in physical therapy from the Ithaca College, an MS in Physical Therapy with a Pediatric Fellowship from the University of Indianapolis, an EdD in Child and Youth Studies with a concentration in Exceptional Education and Special Services from Nova Southeastern University, and a post-professional DPT from Massachusetts General Hospital Institute of Health Professions. She has also been a Board Certified Clinical Specialist in Pediatrics since 1996 and recipient of the Service Award from the Pennsylvania Physical Therapy Association. Her research interests include pediatrics, special education, hippotherapy, community engagement, gait, and orthotic devices.

**Susan Effgen, PT, PhD, FAPTA:** Dr. Effgen is Professor and former Director of the Rehabilitation Sciences Doctoral Program at the University of Kentucky. She is an established educator and researcher in pediatric physical therapy and is a Catherine Worthingham Fellow of APTA. As co-chair of the APTA's Section on Pediatrics Government Affairs Committee, she was active in the authorization and reauthorization process of the Individuals with Disabilities Education Act (IDEA). She was co-founder of the Adaptive Learning Children for Infants and Children in Atlanta. She has served on several editorial boards, including *Physical Therapy*, and authored the text *Meeting the Physical Therapy Needs of Children*. She was co-investigator of a US Department of Education grant: PT COUNTS, studying the Relationship of Student Outcomes to School-based Physical Therapy Services. She is the founding chair of the Section on Pediatrics School-based Special Interest Group.

**Sandra Kaplan, PT, PhD:** Dr. Kaplan is a Professor and Associate Director in the Department of Rehabilitation and Movement Sciences, Rutgers University where she teaches both entry level DPT and PhD students. Dr. Kaplan's academic and research interests are in pediatric rehabilitation, evidence-based practice, and clinical outcome measures. She provides training on development of clinical practice guidelines for APTA, is the APPT CPG Coordinator, and was on the task force to develop the DPT Education

EBP Curriculum Guidelines. Relevant publications include: *Outcome Measurement & Management in PT: First Steps for the Practicing Clinician*, *Sicily Statement on Classification and Development of Evidence-Based Practice Learning Assessment Tools*, *Developing Evidence-Based Clinical Practice Guidelines*, *Physical Therapy Management of CMT: An Evidence-Based Guideline*, *Aligning Documentation with CMT Clinical Practice Guidelines*, and *Strategies for Using the APTA SoR Evidence-Based Practice Curriculum Guidelines*.

**Kathryn Sue Martin, PT, DHS:** Dr. Martin received a BA in Athletic Training from Purdue University in 1987, her MS in Physical Therapy from the University of Indianapolis in 1990, and a Doctor of Health Science from the University of Indianapolis in 2003. She is currently Professor and DPT Assistant Program Director at the University of Indianapolis. Her clinical background includes early intervention and inpatient pediatric general acute care. Dr Martin has taught pediatric physical therapy at the University of Indianapolis since 2000, and her research efforts have been focused on orthotic effectiveness and children with hypotonia. Dr Martin is currently the Chair of the Education Committee for the Section on Pediatrics and has been actively involved in identifying best practices in pediatric physical therapy profession education. She is also the 2008 winner of the Indiana Chapter of the APTA Frances Ekstam Award for outstanding contribution to the physical therapy profession.

**Mathew Nippins, PT, DPT, CCS:** Dr. Nippins is an Assistant Clinical Professor at Northeastern University in Boston. He received his BS in Physical Therapy from Northeastern University in 2000 and his DPT from the Institute of Health Professions in 2007. He received his Certification as a Cardiovascular and Pulmonary Certified Clinical Specialist in 2008. Dr. Nippins' clinical work has included both inpatient and outpatient cardiovascular and pulmonary experience with both children and adults at Tufts Medical Center and the Floating Hospital for Children in Boston, and he is currently a Senior Physical Therapist at Massachusetts General Hospital in Boston.

**Margaret (Maggie) O'Neil, PT, PhD, MPH:** Dr. O'Neil is an associate professor and research faculty member in the Department of Physical Therapy and Rehabilitation Sciences at Drexel University, Philadelphia, PA. She has a secondary appointment in the School of Public Health, Department of Community Health and Prevention. Dr. O'Neil's research includes examination of objective physical activity measures for children and youth with cerebral palsy (CP). Also, she examines effectiveness of active video games to promote activity and fitness in children and youth with CP and children who are obese. Dr. O'Neil has received multiple federal and foundation grants

**Durga Shah, PT, DPT, PCS:** Dr. Shah is a pediatric clinic specialist at Children's Healthcare of Atlanta (CHOA), faculty member in the CHOA Pediatric Residency Program, and an Assistant Professor in the Division of Physical Therapy at Emory University. She leads service learning international trips through Emory University to Guatemala and the Dominican Republic. Her passion is to "bring the clinic to the classroom" and to promote advocacy for children. Her clinical and research interests include physical activity and health promotion in children with chronic childhood conditions, neuro-motor outcomes in children with leukemia, central nervous system tumors, neuromuscular disease, and nonsurgical management of deformities in children.

**Cecelia Sibley, PT, MHA, CEIS:** Cecelia Sibley is a pediatric physical therapist with over 20 years of experience in pediatrics. She is a certified early intervention specialist and her clinical experiences in pediatrics are comprised of outpatient services as well as all facets of acute care, including the neonatal intensive care unit (NICU). Ms. Sibley coordinates the NICU Follow up Program where she performs standardized evaluations of children enrolled in multi-center research studies and those infants at increased risk for developmental delay. She received a BS in Physical Therapy from Northeastern University and a MS in Health Administration from Suffolk University. Ms. Sibley provides education to medical students, residents, and fellows at Tufts Medical Center and teaches the pediatric curriculum at North Shore Community College.

**Carole A Tucker, PT, PhD, PCS:** Dr. Tucker received her bachelor's degree from Boston University in Physical Therapy, her master's degree in Electrical Engineering from Boston University, and a PhD in Exercise Science from SUNY-Buffalo. She currently is an Associate Professor in the Physical Therapy and Electrical & Computer Engineering Departments, and Director of Graduate Programs in Neuromotor Science, College of Public Health at Temple University in Philadelphia. She earned her Pediatric Clinical Specialist in 1996, and has been credentialed as a Registered Clinical Exercise Physiologist with the American College of Sports Medicine. She receives funding from NIH, DoD, Shriners Hospitals for Children and PCORI for pediatric and neuromotor clinical research programs. Her research interests include learning health systems & health informatics, mobile health and wearable sensors, patient reported health outcomes, application of advanced statistical and analytical approaches to biomechanics datasets, and interventions to improve function and mobility in children with physical disabilities.

### **Hotel & Transportation:**

**Hilton Omaha**  
**1001 Cass St**  
**Omaha, NE 68102**  
**Tel: 402-998-3400**

Rooms are \$149 per night. Book online at <https://book.passkey.com/e/49851389>

**Transportation to and from Eppley Airfield:** Omaha Hilton provides a complimentary shuttle that automatically picks up at the airport every 30 minutes. The airport is just four miles and about ten minutes from the hotel. The shuttle can also take attendees downtown and to the Old Market area.

**Parking:** Free Self-Park at Omaha Hilton