

**For the Section on Pediatrics Annual Conference (SoPAC) 2016, the planning committee is particularly seeking submissions on the following topics, although all topic submissions are welcome:**

**Neonatology:**

- Light cycling in the NICU: Effects, indications, contraindications
- Preterm integumentary system and wound care in the NICU
- Common neonatal medical conditions, interventions, and the role of the physical therapist
- Motor development of the preterm infant from 22 weeks to term: impact on guiding appropriate treatment strategies
- Development of preterm vision, complications due to prematurity, and impact on later visual and perceptual problems

**Early Intervention:**

- Clinical education in the early intervention setting
- Supporting young children with autism and their families in EI
- Supporting infants and young children with vision impairment and their families in EI
- EI practitioner role in toddler fitness and activity
- Ecological assessment in EI: understanding the interaction of the child, family, and environment to optimize outcomes
- Best practice for family-centered EI evaluations
- Best practice for development of IFSP outcome statements

**Academic and Clinical Education:**

- Innovative use of technology in teaching, including flipped classroom strategies or voice thread
- Understanding and implementing research designs to answer questions about teaching and learning
- Model of teaching professionalism and professional development in pediatric physical therapy
- Effect of different clinical education models (CI: student ratios, length of clinical experiences) on student outcomes

**School-based:**

- Strategies for creating optimal participation of students with special needs in an inclusion classroom
- Evaluation tools and outcome measures to determine the participation of children and young adults with special needs in the home, school, and community
- The use of assistive technology to enhance and enrich participation of a student with special needs in the school environment
- Strategies for overcoming barriers of participation of students with special needs in the school environment

- Strategies for including and providing meaningful participation of students with severe motor limitations in physical education and other related arts

### **Sports and Fitness:**

- Physical therapy involvement in pediatric fitness programs or organized sports for children and young adults with special abilities in their communities
- PT involvement in developing running or hiking programs for children and young adults with special abilities
- Creation of "Universal Design" in community recreation programs

### **Adolescents and Adults with Developmental Disabilities:**

- Panel of adolescents and adults (high school grad, college, 30 somethings, 50 something) to provide consumer perspectives on benefit and use of physical therapy throughout life
- Role of physical therapy in bridging the public health gap for individuals with DD and ID (possibly include nursing professional as cospeaker?)
- Physical therapy and nursing teaming up to promote health and wellness of adults with DD and ID living in the community
- PT/teacher/nurse teaming up to prepare adolescents with severe disabilities to manage their adult health care issues
- Evaluation, goal setting, interventions, and health promotion across the lifespan
- PT involvement with caregivers (families, paid caregivers, etc) to ensure health and wellness of individuals living in community homes (not institutions)
- Collaborative program with geriatrics and neurology: fall and injury prevention in community-dwelling adults aging with physical, developmental, and intellectual disabilities (encompassing ambulation, but also transfers and injuries that ensue)
- PT involvement in vocational training and preparation for adolescents and adults

### **Hospital-based:**

- Early mobilization in ICU settings
- Spine
- Current trends in physical therapy interventions for scoliosis
- Burns: general overview and current treatment options
- Orthopedic surgery in CP goals for orthopedic surgical intervention: improve gait, hygiene, balance, spine, etc
- Gait analysis and fast and easy measurement tools