

For the APTA Pediatrics Annual Conference 2021, the planning committee is particularly seeking submissions on the following topics, although all topic submissions are welcome:

General Topics:

- Interprofessional collaborative practice in all pediatric settings
- Population health
- Preventing professional burnout
- Topics related to rehabilitation, science, and technology in pediatric physical therapy (<https://www.apta.org/FIRST/>):
 - Genetics
 - Sensors and robotics
 - Regenerative rehabilitation
 - Telehealth
 - Imaging
- Social determinants of Health and how they are being implemented into practice
- Diversity and Inclusion in the workforce
- Assistive Technology across the lifespan
- Embedding functional and meaningful movement through a client's day
- Advanced level topics

Neonatology:

- Summary of on-going research to prevent or reduce the effects of early brain injury
- PT interventions for edema in neonates and critically ill neonates
- Neonatal physiology and the effects of various common disease processes on the movement system
- Update on the SPEEDI trials
- Safe sleep recommendations and best practices for transitioning infants from developmentally-supportive NICU positioning to safe sleep compliance before discharge
- Dolichocephaly in neonates. Management in the NICU, positioning strategies after discharge to remediate or prevent developmental delay
- Music Therapy in the NICU
- SENSE trials

Early Intervention:

- Advocacy in early intervention (e.g., IDEA, access to telehealth, equity in provision, etc.)
- Disparities in early intervention (racial, rural health, gender, etc.)
- Interventions for health promotion and wellness or prevention in infants and toddlers
- Examples of knowledge translation of evidence-based practices into early intervention services in natural environments (e.g., evidence-based practices for telehealth evaluation and intervention, translation of CPGs or other research guidance to early intervention, etc.)
- Interprofessional collaboration in early intervention (e.g., collaboration with SLPs and audiology for hearing screening or intervention with children with hearing impairments, balance, etc.)

School-based:

- Interprofessional collaborative practice in the school setting
- EBP updates for school-based practice
- Assessments, intervention services, advocacy, and planning for students with severe and complex needs
- Educational relevance, eligibility for school-based services
- Development and implementation of school-wide wellness programs

Hospital-based (outpatient & inpatient)

- Concussion/Mild TBI in the under 10 year population
- Cerebral Palsy CPG Update
- Cystic Fibrosis for both rehab and outpatient
- Burn-Out Follow-Up
- Movement System applications acute/rehab/outpatient

Cardiovascular Pulmonary

- COVID cardiovascular and pulmonary outcomes
- Vital sign screening in early intervention, outpatient, school
- Exercise testing for pediatrics
- Interventions/management on those on life supporting devices (mechanical ventilation, VADs, ECMO)
- Incorporating pediatric intensive care into DPT curriculum

Sports and Fitness:

- Physical literacy/illiteracy:
 - Movement across the lifespan (e.g., “After the build” – Meaningful integration of GoBabyGo technology in the community with community partners)
 - Healthy alternatives to stay fit during a pandemic without in-person organized sports (e.g., Special Olympics virtual walk across California)
 - How to build a healthy young athlete
- New CPG for concussion and return to sport
- How to provide quality orthopedic/sports assessment and treatment via telehealth
- Health promotion and PT management of childhood obesity
- Equine therapy programs, aquatic therapy programs, adaptive sports programs, adaptive dance programs, etc.

Adolescents and Adults with Developmental Disabilities:

- Acquisition and application of Assistive Technology for adolescents and adults with developmental disabilities
- Health and fitness for adolescents and adults with developmental disabilities and their caregivers
- PT roles in transition to adulthood
- Self-care and self-advocacy for independent living
- Functional outcome measures for adolescents and adults with developmental disabilities
- Movie Night about living with developmental disabilities with pre-movie screening questions and post-movie discussion
- Adults with developmental disabilities navigating routine and emergent healthcare and end of life issues

Student and New Professional

- Resources for new grads who have trouble getting pediatric experience/clinicals during COVID-19 times
- Post COVID-19 out-patient therapy: how to treat, what goals to set, what systems to think of incorporating, especially bathing and cardiac related
- New grad to Early Intervention – how to bridge the gap and develop an adequate plan of care
- Telehealth and out-patient: natural environment implications
- Acute Care: outcome measures to assess more complex patients besides the FIM and Wee-FIM
- Treating patients with a Sickle Cell Pain crisis

Academic and Clinical Education

- Use of benchmarks or competencies in pediatric PT education
- Development and assessment of clinical reasoning in pediatric physical therapists, from classroom to clinic
- Pediatric physical therapy faculty development: from entry into academia to the enhancement of pedagogy and scholarship
- Innovation in clinical education and experiential learning in the face of uncertainty and/or limitations in access to clinical education and experiential learning opportunities across practice settings
- Employment as a new-grad (or entry-level) pediatric physical therapist: preparation, employment and career development

Residency and Fellowship

- Educational diagnosis of pediatric resident or neonatology fellow
- Decision making frameworks for post professional learning during pediatric residency or neonatology fellowship
- Development of critical thinking skills
- Developing a residency or fellowship program: developing partnerships, application process, curriculum
- Use of benchmarks or competencies in pediatric residencies or neonatology fellowships
- Educational research: developing a research question, using qualitative, quantitative, or mixed methods to examine program and resident/fellow outcomes
- Residency/Fellowship program faculty development: didactic and clinical mentoring
- Developing leadership skills of residency/fellowship faculty and residents/fellows