2014 Annual Meeting, March 5-8
Disney’s Paradise Pier® Hotel, Anaheim, California

2014 MEETING OBJECTIVES
The objectives of this annual meeting are to present and evaluate new ideas, techniques and methodology and treatment of children with limb deficiencies, and to provide the participants with an opportunity to clinically evaluate and directly interact with proponents of new research knowledge pertinent to the management of these children. Participants will hear and view presentations in a variety of formats including scientific paper presentations, posters, symposia, and special presentations. There will be an opportunity for speakers to present challenging cases and creative solutions. A technical and scientific workshop format is used to present new approaches and ideas to difficult or unsolved problems.

WHO SHOULD ATTEND?
Physicians, nurses, orthotists, prosthetists, social workers, rehabilitation engineers, physical and occupational therapists, and other health professionals who care for children with orthopaedic and related disabilities will benefit.

CONTINUING EDUCATION CREDIT
This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the American Academy of Orthopaedic Surgeons and the Association of Children's Prosthetic-Orthotic Clinics. The American Academy of Orthopaedic Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

The American Academy of Orthopaedic Surgeons designates this live activity for a maximum of 19 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ABC Credits
The ACPOC Annual Meeting has been approved for a maximum of 27.5 credits through the American Board for Certification in Orthotics and Prosthetics (ABC), Inc. Full participation in this program is required to be eligible for the full amount of credits. Credits are allocated as follows: Wednesday Occupational Workshop and Technical Workshops – 8.75, Thursday – 7.25, Friday – 7.5, Saturday – 4.

Sign-in Sheets will be available at each session. An additional credit will be given to those who fill out the Category II Application Form for Exhibit Hall Attendance.

CBCPO Credits
The ACPOC Annual Meeting has been approved for a maximum of 21 MCE credits through the Canadian Board for Certification of Prosthetists and Orthotists. Full participation in this program is required to be eligible for the full amount of credits. Credits are allocated as follows: Wednesday afternoon Occupational Workshop and Technical Workshops – 6, Thursday – 6, Friday – 6, Saturday – 3.

NEW ~ OCCUPATIONAL THERAPY FOR THE CHILD WITH AN UPPER EXTREMITY PROSTHESIS WORKSHOP, Wednesday, March 5, 7:45AM-12:30PM. Separate registration and fee are required.

TECHNICAL WORKSHOPS, Wednesday, March 5 afternoon. Separate registration is required.
Exhibiting companies will be given the opportunity to conduct one-hour Technical Workshops. These Workshops are scheduled for Wednesday afternoon, March 5th from 1:00 to 5:45 PM (please see Program for more details). All Workshops and Demonstrations are free to the registered participant. NOTE: Although there is no extra charge to attend any of the Technical Workshops, please be sure to sign up for them on the registration form so that we can record your attendance. Limited seating.

SCIENTIFIC WORKSHOP
Physician Guided Case Study Forum - This will be a moderated, but informal session, open to all disciplines. Anyone can bring in a case for discussion with their peers. If you’d like to present to the group, please email the title and brief description of the case to the ACPOC office at acpoc@aaos.org. Due to HIPAA, please do not bring patient(s) or patient’s family with you to this session.
ACPOC 2014 Annual Meeting SPECIAL SPEAKERS

**Hector Kay Lecture**

**Lori A. Karol, MD** – “Bracing Adolescent Idiopathic Scoliosis: Where are We in 2014?”

Dr. Lori Karol is a staff orthopaedist and the medical director of performance improvement and the movement science lab at Texas Scottish Rite Hospital for Children. She earned her undergraduate and medical degrees from the University of Michigan. Dr. Karol completed her general surgery internship and orthopaedic surgery residency at Wayne State University School of Medicine. She also completed the Harrington Fellowship of Pediatric Orthopaedics and Scoliosis at TSRHC in 1991. Dr. Karol is a professor in the department of orthopaedic surgery at The University of Texas Southwestern Medical Center at Dallas. She is a member of the Scoliosis Research Society, American Academy for Cerebral Palsy and Developmental Medicine; American Medical Association; Pediatric Orthopaedic Society of North America; American Academy of Orthopaedic Surgeons; the North American Society for Gait and Clinical Movement Analysis; the Limb Lengthening and Reconstruction Society, and the American Orthopaedic Association. Dr. Karol was awarded the Heune award for outstanding research by the Pediatric Orthopaedic Society of North America in 2011, and is vice president of POSNA. She will become the first female president of the society in 2015. She is the pediatric orthopaedic editor for the Journal of the American Academy of Orthopaedic Surgeons, and is a consultant reviewer for the Journal of Bone and Joint Surgery and the Journal of Pediatric Orthopaedics.

**Presidential Guest Speaker**

**Michael D. Sussman, MD** – “Evidence based medicine: How did we get here, and how it can lead us astray”

Dr. Sussman received his orthopaedic training at Johns Hopkins University and completed a pediatric orthopaedic fellowship at the Children’s Hospital in Boston. He also spent several years at the N.I.H as a research fellow studying connective tissues, and human connective tissue diseases. From 1976 to 1992, he was in the Division of Pediatric Orthopaedic Surgery at the University of Virginia in Charlottesville, VA, and at the time of his departure was director of the Division of Pediatric Orthopaedics. He moved to Portland, Oregon in 1992 as Chief of the Medical Staff at the Shriners Hospital, where he helped to develop a variety of programs including designating specialty clinics for children with neuromuscular diseases and skeletal dysplasia, as well as insuring continuity of care for all patients.

He has been a visiting professor and lectured on a variety of topics throughout the United States, Europe and the Middle East. He has received the Arthur H. Huene award from the Pediatric Orthopaedic Society of North America (POSNA) “in recognition of his outstanding contributions to pediatric orthopaedics”. He also has been treasurer and president of the American Academy of Cerebral Palsy and Developmental Medicine (AACPDM), and was the recipient of the “Gayle Arnold Award” from that organization in 2008.

Dr. Sussman is a member of the editorial board of the Journal of Pediatric Orthopedics as well as the Journal of Children’s Orthopaedics. He has a continuing interest in clinical research, mainly in the area of cerebral palsy orthopaedic treatment, as well as muscular dystrophy and related conditions, and has been author or co-author of written many in this area, and has been editor of one book titled “Treatment of Spastic Diplegia”.

**SYMPOSIA**

**Thursday, March 6**

9:15 AM  
*Symposium I* - Serial Casting For Long-Term Correction Of Equines Deformities

**Friday, March 7**

8:15 AM  
*Symposium II* - Reciprocating Gait Orthosis

4:30 PM  
*Symposium III* - Using Sport And Physical Activity To Improve Holistic Wellness And Teach Life Skills

**Saturday, March 8**

10:30 AM  
*Symposium IV* - Neurofibromatosis: Surgical; Orthotic, Prosthetic, And Rehabilitation Management In Children
HOTEL INFORMATION
The 2014 ACPOC Annual Meeting will take place at Disney’s Paradise Pier® Hotel in Anaheim CA, from March 5th - 8th.

Disney's Paradise Pier® Hotel was born from the rich tradition of California beach culture. The casual elegance of our meeting facilities, uniquely Californian dining choices and endless entertainment options will make you feel like you're staying on a beach boardwalk. You’ll enjoy the hotel's 481 recently refreshed guest rooms (including 25 suites), offering amenities designed with the business traveler in mind, like complimentary wired and wireless Internet in every guest room.

After a day of meetings, relax in our third-floor rooftop pool and roller-coaster-inspired water slide, or network in the Downtown Disney® District – just steps from your room. Plus, convention and meeting attendees can purchase specially-priced tickets to the two Disneyland® Resort Theme Parks.

The exceptionally creative, laid-back experience at Disney's Paradise Pier® Hotel makes for a fun and comfortable place to stay, and an excellent source of inspiration, too.

To book your hotel reservation, please click the link below to reserve your room.
https://resweb.passkey.com/Resweb.do?mode=welcome_ei_new&eventID=10750454
Or you can call the Disney's Paradise Pier® Hotel at (714) 956-6425 to make your hotel reservations. There are also limited rooms at the Disney's Grand Californian Hotel® & Spa at the same rate, (714) 635-2300. Please reference the ACPOC Annual Meeting to secure the discounted hotel rate. There is a cutoff date of February 4, 2014, subject to availability.

ACPOC 2014 Annual Meeting Preliminary Program
(Presentation titles and times are subject to change.)
Revised 2-13-14

WEDNESDAY, March 5th

7:00 AM – 8:00 PM REGISTRATION

7:45 AM – 12:30 PM OCCUPATIONAL THERAPY FOR THE CHILD WITH AN UPPER EXTREMITY PROSTHESIS WORKSHOP
presented by Wendy Hill, BScOT: (n), Joanne Shida-Tokeshi, MA, OTR/L: (n), and Vivian J. Yip, OTD, MA, OTR/L: (n)
Separate registration and fee are required.

1:00 – 5:45 PM TECHNICAL WORKSHOPS Separate registration is required.

1:00 – 3:15 PM Advances in Pediatric Orthotic Interventions & SWASH Certification Course
presented by Phil Cadman, PT, DPT: 3B (Allard USA), Allard USA

3:30 – 4:30 PM Managing Pediatric Gait Dysfunction – improving R1 and R2 with therapeutic orthoses and fine-tuning with Adjustable Dynamic Response (ADR™) AFOs – a Comprehensive Approach
presented by Mark D. DeHarde: 3A (Ultraflex Systems, Inc.); 4 (Ultraflex Systems. Inc.); 9 (OPERF), President of Ultraflex Systems

4:45 – 5:45 PM Benefits of the Reciprocating Gait Orthosis in the Pediatric Population
presented by Jeremy J Crowell, BOC, BOCO: 3A (Hosmer), Fillauer Companies, Inc.

6:00 – 8:00 PM RECEPTION in Pacific Ballrooms A&B

THURSDAY, March 6th

7:00 – 8:00 AM CONTINENTAL BREAKFAST in Pacific Ballrooms A&B

7:00 AM – 5:00 PM REGISTRATION
8:00 AM – 5:10 PM  SCIENTIFIC PROGRAM in Pacific Ballrooms C&D

8:00 – 8:05 AM  Welcome – J. Ivan Krajbich, MD, President: 9 (Association of Children’s Prosthetic and Orthotic Clinics)

8:05 – 8:15 AM  Introduction of New Investigator Research Award Winner – J. Ivan Krajbich, MD: 9 (Association of Children’s Prosthetic and Orthotic Clinics)

8:15 – 9:15 AM  SESSION I – LOWER LIMB ORTHOTICS & MOTION ANALYSIS
Moderator: Colleen P. Coulter, PT, PhD, DPT, PCS: 9 (Association of Children's Prosthetic and Orthotic Clinics)

8:15 – 8:25 AM  Paper 1
Validation Of An Instrumented AFO To Collect Real-Time Ankle Moment Data During Gait: AFO Stiffness Objectively Prescribed
Michael S. Orendurff, PhD: 3A (Orthocare Innovations), Toshiki Kobayashi, PhD: 3A (Orthocare Innovations), Kristie F. Bjornson, PT, PhD: (n), Stefania Fatone, PhD: 8 (Archives of Physical Medicine and Rehabilitation; Prosthetics Orthotics International); 9 (American Academy of Orthotists and Prosthetists; International Society for Prosthetics and Orthotics Australian National Member Society), Susan Sienko Thomas, MA, PhD(c): (n), Cathleen Buckon, OTR/L, MS: (n), Bo Foreman, PT, PhD: 3B (Orthocare Innovations), Madeline Singer, BA: 3B (Orthocare Innovations), Teri Rosenbaum-Chou, PhD: 3A (Orthocare Innovations), and Lucas Lincoln, MS: 3A (Orthocare Innovations)

8:25 – 8:35 AM  Paper 2
The Affects Of Solid AFOS Versus Floor Reaction AFOS In Changing The Gait Pattern Of Children Diagnosed With CP
Hank White, PT, PhD: (n), Juanita Jean Wallace, MS: (n), Samuel F. Augsburger, MS: (n), Janet L. Walker, MD: (n), and Henry J. Iwinski, MD: (n)

8:35 – 8:45 AM  Paper 3
Comparison Of Dynamic (DAFO) Vs. Adjustable Dynamic Response (ADR) AFOS In Children With Cerebral Palsy
Tishya A. L. Wren, PhD: 4 (Arthrocare); 5 (Ultraflex; National Institutes of Health (NIAMS & NICHD); 9 (Gait and Clinical Motion Analysis Society), James William Dryden, CPO: 3A (Orthopliance Group); 4 (Orthopliance Group), Nicole Mueske, MS: (n), Sandra W. Dennis, PT: 4 (Allergan, Inc.), Bitte S. Healy, PT: (n), and Susan Ann Rethlefsen, PT, DPT: (n)

8:45 – 8:55 AM  Paper 4
Does Anterior Tibialis Tendon Transfer Weaken Ankle Strength? A Prospective Study
Hank White, PT, PhD: (n), Juanita Jean Wallace, MS: (n), Samuel F. Augsburger, MS: (n), Janet L. Walker, MD: (n), and Henry J. Iwinski, MD: (n)

8:55 – 9:15 AM  Discussion

9:15 – 10:15 AM  Symposium I: Serial Casting For Long-Term Correction Of Equines Deformities
Brigid Driscoll, PT, CO: (n) and Mary Weck, PT: (n)

10:15 – 11:00 AM  BREAK in Pacific Ballrooms A&B

11:00 AM – 12:00 PM  SESSION II – LOWER LIMB ORTHOTICS
Moderator: Brian J. Giavedoni, MBA, CP, LP: (n)

11:00 – 11:10 AM  Paper 5
Orthotic Management In Cerebral Palsy: Habitual Walking Activity
Kristie Bjornson, PT, PhD: (n), Chuan Zhou, PhD: (n), Michael S. Orendurff, PhD: 3A (Orthocare Innovations), Richard D. Stevenson, MD: (n), and Dimitri Christakis, MD, MPH: (n)

11:10 – 11:20 AM  Paper 6
Challenging Case Study: Are There Benefits To Bracing When Significant Plantar Flexion Contractures Are Present?
Sandra W. Dennis, PT: 4 (Allergan, Inc.), James William Dryden, CPO: 3A (Orthopliance Group); 4 (Orthopliance Group), Susan Ann Rethlefsen, PT, DPT: (n), Nicole Mueske, MS: (n), Tishya Wren, PhD: 4 (Arthrocare); 5 (Ultraflex; National Institutes of Health (NIAMS & NICHD); 9 (Gait and Clinical Movement Analysis Society), and Mark D. DeHarde: 3A (Ultraflex Systems, Inc.); 4 (Ultraflex Systems, Inc.); 9 (OPERF)
11:20 – 11:30 AM  Long-Term Use Of Neoprene Knee Extension Kos With Custom Moldable Low Temperature Thermoplast  
**Nancy M. Hylton, PT, CO:** (n)

**Colleen P. Coulter, PT, PhD, DPT, PCS:** 9 (Association of Children's Prosthetic and Orthotic Clinics and Rebecca Hernandez, CPO/L: (n)

11:45 AM – 12:00 PM  Discussion

12:00 – 1:00 PM  **Presidential Speaker – Michael D. Sussman, MD:** 8 (Journal of Pediatric Orthopedics)
Evidence based medicine: How did we get here, and how it can lead us astray

1:00 – 2:00 PM  **LUNCH** in Pacific Ballrooms A&B

2:00 – 4:00 PM  **Workshop** – Physician Guided Clinical Forum  
**Moderator: J. Ivan Krajbich, MD:** 9 (Association of Children's Prosthetic and Orthotic Clinics)

4:00 – 4:45 PM  **BREAK** in Pacific Ballrooms A&B

4:45 – 5:45 PM  **SESSION III – SURGICAL ENHANCEMENT**  
**Moderator: Jorge A. Fabregas, MD:** 3B (integra)

4:45 – 4:55 PM  The Effect Of Systemic Administration Of Sclerostin Antibodies In A Mouse Model Of Limb Lengthening  
**Asim Mohammedanas Makhdom, MD:** (n), Dominque Lauzier: (n), and Reggie C. Hamdy, MD: 8 (BMC Musculoskeletal Disorders); 9 (Limb Lengthening Research Society)

4:55 – 5:15 PM  The Accordion Maneuver And The Effects Of Compression Loading On Delayed Regenerate Bone Formation In Cases Of Limb Lengthening  
**Asim Mohammedanas Makhdom, MD:** (n), Adrian Cartaleanu: (n), Juan Sebastian Rendon, MD: (n), Reggie C. Hamdy, MD: 8 (BMC Musculoskeletal Disorders); 9 (Limb Lengthening Research Society), and Isabelle Villemure, PhD: (n)

5:15 – 5:30 PM  Discussion

5:30 PM  Adjourn

**FRIDAY, March 7th**

7:00 – 8:00 AM  **CONTINENTAL BREAKFAST** in Pacific Ballrooms A&B

7:00 AM – 5:00 PM  **REGISTRATION**

7:30 AM – 5:30 PM  **SCIENTIFIC PROGRAM** in Pacific Ballrooms C&D

7:30 – 8:15 AM  **SESSION IV - SPINA BIFIDA**  
**Moderator: Colleen P. Coulter, PT, PhD, DPT, PCS:** 9 (Association of Children’s Prosthetic and Orthotic Clinics)

7:30 – 7:40 AM  Case Study: 2 ½ Year-Old Girl With L-4, L-5 Spina Bifida Very Severely Inverted Feet/Ankles  
**Nancy M. Hylton, PT, CO:** (n)

7:40 – 7:50 AM  Maximizing Ambulatory Potential In Spina Bifida  
**Samuel R. Rosenfeld, MD:** 2 (Zimmer; Zimmer Spine); 3B (MediCrea Spine; Zimmer; Zimmer Spine)
7:50 – 8:00 AM  
**Paper 13**  
Transitioning Spina Bifida Patients From Pediatric Rehabilitation Goals To Adult Rehabilitation Purpose  
**Samuel R. Rosenfeld, MD:** 2 (Zimmer; Zimmer Spine); 3B (MediciSpine; Zimmer; Zimmer Spine)

8:00 – 8:15 AM  
Discussion

8:15 – 9:15 AM  
Symposium II: Reciprocating Gait Orthosis  
**Jeremy J. Crowell, BOCP, BOCO:** 3A (Hosmer), Fillauer Companies, Inc.

9:15 – 10:00 AM  
**SESSION V – SPINE**  
**Moderator: Colleen P. Coulter, PT, PhD, DPT, PCS:** 9 (Association of Children's Prosthetic and Orthotic Clinics)

9:15 – 9:25 AM  
**Paper 14**  
Dual Case Study: Implementing A Custom Cervical Extension Collar To Address Congenital Cervical Kyphosis And Cervical Flexion Trauma  
**Chelsey B. Anderson, CPO:** 3A (Boston Brace Int, NOPCO clinics)

9:25 – 9:35 AM  
**Paper 15**  
The Management Of Neuropathic Scoliosis In Children  
**Martin J. A. Matthews, M.Phil:** 3A (DM Orthotics Ltd); 3B (DM Orthotics Ltd); 4 (DM Orthotics Ltd), Suzanna J. Blandford: 3A (Plymouth University), Prof. John Marsden: 3A (Plymouth University), and Jenny Freeman, BA, BS, MSc, PhD: 3A (Plymouth University)

9:35 – 9:45 AM  
**Paper 16**  
Innovative Solution: 2 ½ Year-Old Girl With SMA Type1 Light-Weight CTLSO  
**Nancy M. Hylton, PT, CO:** (n)

9:45 – 10:00 AM  
Discussion

10:00 – 10:45 AM  
**BREAK** in Pacific Ballrooms A&B

10:45 – 11:15 AM  
**SESSION VI – TRUNK**  
**Moderator: Colleen P. Coulter, PT, PhD, DPT, PCS:** 9 (Association of Children's Prosthetic and Orthotic Clinics)

10:45 – 10:55 AM  
**Paper 17**  
Chest Wall Anomaly Clinic: A Multidisciplinary Approach  
**Gloria Thevasagayam, BSc, PT:** (n) and **Ian Finlay:** 3A (Action Ortho Santé)

10:55 – 11:05 AM  
“A New Look At Pediatric Orthotic Care” Pectus Carinatum Orthosis  
**Jackie Valdez, BSc.(Sports Medicine), ABC (CO):** (n)

11:05 – 11:15 AM  
Discussion

11:15 AM – 12:00 PM  
**SESSION VII - MULTI-LIMB INVOLVEMENT**  
**Moderator: Phoebe R. Scott-Wyard, DO:** 9 (Association of Children's Prosthetic and Orthotic Clinics)

11:15 – 11:25 AM  
**Paper 19**  
Management Of The Quadrimembral Limb-Deficient Patient In A Non-Clinical Setting  
**Zach Hughes, CP, LP:** (n) and **Sherry S. Romaine, PT, DPT:** (n)

11:25 – 11:35 AM  
**Paper 20**  
Neural Network Changes During Increased Experience For Individuals With Amputations  
**Vivian J. Yip, OTD, MA, OTR/L:** (n), **Lisa Aziz-Zadeh, PhD:** (n), and **Sook-Lei Liew, PhD, OTR/L:** (n)

11:35 – 11:45 AM  
**Paper 21**  
Functional Status Of Children With Upper And Lower Extremity Amputation  
**Gül Sener:** (n), **Özlem Ülger, PT, PhD:** (n), **Semra Topuz, PT, PhD:** (n), **Kezban Bayramlar, PhD, PT:** (n), and **Fatih Erbaçeci:** (n)

11:45 AM – 12:00 PM  
Discussion

12:00 – 1:00 PM  
Business Meeting Lunch (members only) in Pacific Ballrooms C&D

1:00 – 2:00 PM  
**Hector Kay Lecture – Lori A. Karol, MD:** 7 (Journal of the American Academy of Orthopaedic Surgeons; Saunders/Mosby-Elsevier); 8 (Journal of the American Academy of Orthopaedic Surgeons); 9 (Pediatric Orthopaedic Society of North America)  
Bracing Adolescent Idiopathic Scoliosis: Where are We in 2014?
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Abstract</th>
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<tr>
<td>2:00 – 2:45 PM</td>
<td>SESSION VIII – FUNCTION AND QUALITY OF LIFE</td>
<td><strong>Moderator:</strong> Wendy L. Hill, BSc, OT: (n)</td>
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<tr>
<td>2:00 – 2:10 PM</td>
<td>Determining The Functional Level In Amputee Children</td>
<td>Paper 22</td>
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<td>2:10 – 2:20 PM</td>
<td>Quality Of Life Of The Children Receiving Education In A Special School For The Physically Disabled</td>
<td>Paper 23, Kezban Bayramlar, PhD, PT: (n), Özlem Ulger, PT, PhD: (n), and Gül Sener: (n)</td>
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<td>2:20 – 2:30 PM</td>
<td>Quality Of Life Of The Parents Who Have Children With Limb Loss</td>
<td>Paper 24, Semra Topuz, PT, PhD: (n), Özlem Ulger, PT, PhD: (n), Kezban Bayramlar, PhD, PT: (n), and Gül Sener: (n)</td>
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<td>2:30 – 2:45 PM</td>
<td>Discussion</td>
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<td>2:45 – 3:30 PM</td>
<td>BREAK in Pacific Ballrooms A&amp;B</td>
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<td>3:30 – 4:30 PM</td>
<td>SESSION IX – PROSTHETICS – GENERAL</td>
<td><strong>Moderator:</strong> David B. Rotter, CPO: 9 (Association of Children's Prosthetic and Orthotic Clinics)</td>
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<td>3:30 – 3:40 PM</td>
<td>Participation In Sports Of Dutch Children With Lower Limb Deficiencies</td>
<td>Paper 25, Anka Michielsen, MSc, PT: (n) and Iris van Wijk, MD, PhD: (n)</td>
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<td>3:40 – 3:50 PM</td>
<td>Riding A Bike</td>
<td>Paper 26, Anka Michielsen, MSc, PT: (n) and Iris van Wijk, MD, PhD: (n)</td>
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<td>3:50 – 4:05 PM</td>
<td>Challenging Case Presentation: Jayden's Too Short</td>
<td>Paper 27, Brian J. Giavedoni, MBA, CP, LP: (n), Colleen P. Coulter, PT, DPT, PhD: 9 (Association of Children's Prosthetic and Orthotic Clinics), and Michael L. Schmitz, MD: 3B (Stryker); 9 (Pediatric Orthopaedic Society of North America)</td>
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<td>4:05 – 4:15 PM</td>
<td>Born Just Right</td>
<td>Paper 28, David B. Rotter, CPO: 9 (Association of Children's Prosthetic and Orthotic Clinics), and Jen Lee Reeves: (n)</td>
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<td>4:15 – 4:30 PM</td>
<td>Discussion</td>
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<td>4:30 – 5:30 PM</td>
<td>Symposium III: Using Sport And Physical Activity To Improve Holistic Wellness And Teach Life Skills</td>
<td>Paper 29, Aaron Moffett, PhD: (n) and Mark Campbell, MS, LMT, ATC: (n)</td>
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<td>5:30 PM</td>
<td>Adjourn</td>
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**SATURDAY, March 8th**

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<tr>
<th>Time</th>
<th>Activity</th>
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<tr>
<td>7:00 – 8:00 AM</td>
<td>CONTINENTAL BREAKFAST</td>
<td>Pacific Ballrooms A&amp;B</td>
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<td>8:00 AM – 12:30 PM</td>
<td>SCIENTIFIC PROGRAM</td>
<td>Pacific Ballrooms C&amp;D</td>
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<td>8:00 – 9:00 AM</td>
<td>SESSION X – UPPER LIMB</td>
<td><strong>Moderator:</strong> Bob Radocy, MS: 3A (TRS Inc. (Therapeutic Recreation Systems, Inc.)); 4 (TRS Inc.); 6 (TRS Inc.); 9 (Association of Children's Prosthetic and Orthotic Clinics)</td>
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<td>8:00 – 8:10 AM</td>
<td>Evaluation Of The Use Of And Satisfaction With Adaptive Devices: A Good Alternative To Prostheses In Children With Congenital Upper Limb Deficiencies?</td>
<td>Paper 29, Iris van Wijk, MD, PhD: (n)</td>
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8:10 – 8:20 AM  
**Paper 30**  
**Functioning With A Congenital Below The Elbow Deficiency: The Role Of Adaptive Devices**  
**Iris van Wijk, MD, PhD:** (n)

8:20 – 8:30 AM  
**Paper 31**  
**Hand Orthoses For Complex Cases With New Technology**  
**Michael Ceder, CPO:** (n)

8:30 – 8:40 AM  
**Paper 32**  
**Creative Solution: Team Approach For A Toddler With Oralmandibular Limb Hypogenesis**  
**Vivian J. Yip, OTD, MA, OTR/L:** (n) and Mary Leighton, OTR/L: (n)

8:40 – 9:00 AM  
**Discussion**

9:00 – 10:00 AM  
**SESSION XI – MOTION ANALYSIS**

**Moderator:** Janet G. Marshall, CPO: (n)

9:00 – 9:10 AM  
**Paper 33**  
**Sagittal Ankle Moment Patterns For Youth Running And Walking In Prosthetic Feet: Data Drives Design**  
**Michael S. Orendurff, PhD:** 3A (Orthocare Innovations), Lucas Lincoln, MS: 3A (Orthocare Innovations), Teri Rosenbaum-Chou, PhD**: 3A (Orthocare Innovations), Adam Arabian, PhD: (n), Wayne Daly, CPO: 3A (Orthocare Innovations), David Hensley, CPO: 3A (Orthocare Innovations), Toshiki Kobayashi, PhD: 3A (Orthocare Innovations), Philip E. Gates, MD: (n), Justina S. Shipley, CO, BOCO, BOCP, Med: 3C (Comfort Products; Fillauer Companies); 9 (Louisiana Association of Orthotists and Prosthetists; Orthotics and Prosthetics Activities Foundation), Susan R. Campbell, PhD: (n), David Moe, CPO: (n), Kristie Bjornson, PT, PhD: (n), Susan Sienko Thomas, MA, PhD(c): (n), Cathleen Buckon, OTR/L MS: (n), Sabrina Jakobson Huston, CPO: (n), Todd C. DeWees, BS, CPO: (n), Ann Kennedy, CPO: (n), Michael Suckoski, CPO: (n), and J. Ivan Krajbich, MD: 9 (Association of Children's Prosthetic and Orthotic Clinics)

9:10 – 9:20 AM  
**Paper 34**  
**Stride-To-Stride Fluctuations Are Related Pre/Post Adaptation For An Appropriate Prosthesis**  
**Shane R. Wurdeman, PhD, MSPO, CP:** (n), Adam L. Jacobsen, CPO: (n), Sara A. Myers, PhD: (n), and Nicholas Stergiou, PhD: 7 (HUMAN KINETICS); 8 (Physical Therapy Journal, Knee Surgery Sports Arthrology and Traumatology, Journal of Biomechanics)

9:20 – 9:30 AM  
**Paper 35**  
**Oxygen Consumption During Stress Testing In Pediatric Amputees**  
**Kelly A. Jeans, MS:** (n), Chan-Hee Jo, PhD: (n), Don R. Cummings, CP, LP: 9 (American Academy of Orthotists and Prosthetists), and Lori A. Karol, MD: 7 (Journal of the American Academy of Orthopaedic Surgeons; Saunders/Mosby-Elsevier); 8 (Journal of the American Academy of Orthopaedic Surgeons); 9 (Pediatric Orthopaedic Society of North America)

9:30 – 9:45 AM  
**Paper 36**  
**Comparing Oxygen Consumption Between A Bilateral Trans-Femoral Amputee And Their Identical Twin: A Case Study.**  
**Todd C. DeWees, BS, CPO:** (n) and Susan Sienko Thomas, MA, PhD(c): (n)

9:45 – 10:00 AM  
**Discussion**

10:00 – 10:30 AM  
**BREAK** in Pacific Ballrooms A&B

10:30 – 11:30 AM  
**Symposium IV: Neurofibromatosis: Surgical; Orthotic, Prosthetic, And Rehabilitation Management In Children**  
Colleen P. Coulter, PT, DPT, PhD, 9 (Association of Children's Prosthetic and Orthotic Clinics), **Jorge A. Fabregas, MD:** 3B (integra), and Brian J. Giavedoni, MBA, CP, LP: (n)

11:30 AM – 12:30 PM  
**SESSION XII – LOWER LIMB**

**Moderator:** Owen A. Larson, CP: (n)

11:30 – 11:45 AM  
**Paper 37**  
**Protecting The Skin Part 2: Respecting Incisions, Pin Sites, Skin Grafts, And Donor Sites In Patients Who Endure Multi-Trauma Resulting In Amputations**  
**Colleen P. Coulter, PT, PhD, DPT, PCS:** 9 (Association of Children's Prosthetic and Orthotic Clinics), Brian J. Giavedoni, MBA, CP, LP: (n), Jorge A. Fabregas, MD: 3B (integra), and Michael L. Schmitz, MD: 3B (Stryker); 9 (Pediatric Orthopaedic Society of North America)
11:45 AM – 12:00 PM  Orthotic Intervention Options For Limb Salvage Treatment Of Fibular Hemimelia  
Justina S. Shipley, CO, MEd, FAAOP: 3C (Comfort Products; Fillauer Companies); 9 (Louisiana Association of Orthotists and Prosthetists; Orthotics and Prosthetics Activities Foundation)

12:00 – 12:10 PM  Creative Prosthetic Fitting For Unilateral Tibial Deficiency And Knee Flexion Contracture Without Surgical Correction  
Phoebe R. Scott-Wyard, DO: 9 (Association of Children's Prosthetic and Orthotic Clinics) and David M. Craft, CP: (n)

12:10 – 12:20 PM  Pediatric Partial Foot Prostheses: A New Treatment Option?  
Pamela K. Hale, CPO: 3A (Allard USA)

12:20 – 12:30 PM  Discussion

12:30 PM  Adjourn

POSTERS

Poster #1  Pediatric Partial Foot Prostheses: Utilizing A Custom Fit Dynamic Carbon Composite Prosthesis  
Pamela K. Hale, CPO: 3A (Allard USA)

Poster #2  Unique Lower Extremity Orthotic Interventions For Children With Arthrogryposis: A Single Case Overview  
Justina S. Shipley, CO, MEd, FAAOP: 3C (Comfort Products; Fillauer Companies); 9 (Louisiana Association of Orthotists and Prosthetists; Orthotics and Prosthetics Activities Foundation)

Register online at  www.acpoc.org

Questions? Please contact the ACPOC office  
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