



# 2017 Annual Meeting Final Program

## March 22-25, 2017

**Omni Houston Galleria Hotel, Houston, Texas**

(Presentation titles and times are subject to change without prior notice.)

### WEDNESDAY, March 22

10:00 AM – 8:30 PM	<b>REGISTRATION</b> in Regency Preassembly
11:30 AM – 6:15 PM	<b>TECHNICAL WORKSHOPS</b> in Windsor Salon
11:30 AM – 12:15 PM	<b>Ottobock: Pediatric Myolino System ~ Gerald Stark, PhD, MSEM, CPO/L, FAAOP</b>
12:30 – 1:15 PM	<b>SureStep: Innovative Approaches; Positive Outcomes. Treatment for Hypotonic Trunk, Neuromuscular Scoliosis and Head-drop ~ Anne Pare, CO/LO</b>
1:30 – 2:15 PM	<b>Ability Dynamics: Improving Lives Through Innovation ~ Richard Sainz, MA, CP</b>
2:30 – 3:15 PM	<b>Martin Bionics: Socket-less Socket – The End of Rigid Sockets ~ Craig Armstrong, CP</b>
3:30 – 4:15 PM	<b>Vorum: How to Ride the CAD/CAM and 3D Printing Technology Waves ~ Andrew Smyth</b>
4:30 – 5:15 PM	<b>MD Orthopaedics, Inc.: Abduction Dorsiflexion Mechanism (ADM) ~ Luke Mitchell</b>
5:30 – 6:15 PM	<b>Fillauer Companies Inc.: Just Let Me be a Kid ~ Sam Hale, CPO, MSPO</b>
6:30 – 8:30 PM	<b>VENDOR RECEPTION</b> in Regency Ballroom

### THURSDAY, March 23

7:00 – 8:00 AM	<b>CONTINENTAL BREAKFAST</b> in Regency Ballroom
7:00 – 5:00 PM	<b>REGISTRATION</b> in Regency Preassembly
8:00 – 5:00 PM	<b>SCIENTIFIC PROGRAM</b> in Colonnade Salon & Preassembly
8:00 – 8:05 AM	<b>Welcome – Jorge A. Fabregas, MD – President</b>
8:05 – 8:15 AM	<b>New Investigator Research Awards Presentation – Jorge A. Fabregas, MD – President</b>
8:15 – 9:00 AM	<b>SESSION I – FOOT AND ANKLE MOBILITY</b> <i>Moderator: Debra Latour, M.Ed., OTR/L</i>
8:15 – 8:25 AM	Longitudinal Instrumented Gait Analysis on the Use of Carbon Fiber AFOs for a Child with Cerebral Palsy <b>Christina Bickley, PT, PhD, BOCO; Judi Linton, PT, MS; Douglas Barnes, MD</b>
8:25 – 8:35 AM	Do Different Types of AFOs Change Walking and Gross Mobility? <b>Hank White, PT, PhD; JJ Wallace, MS; Sam Augsburg, MS; Janet Walker, MD; Henry Iwinski, MD</b>
8:35 – 8:45 AM	Treating Pediatric Toe Walking - Is it Idiopathic? <b>Megan Smith, CO</b>

8:45 – 9:00 AM	<i>Discussion</i>
9:00 – 10:00 AM	Presidential Guest Speaker – ACPOC: Then and Now – <b>John P. Dormans, MD</b>
10:00 – 10:45 AM	<b>MEET &amp; GREET VENDORS / POSTERS/ REFRESHMENT</b> in Exhibit Hall
10:45 AM – 12:45 PM	<b>SESSION II – LIMB LENGTHENING</b> <i>Moderator: David Rotter, CPO</i>
10:45 AM – 12:45 PM	Limb Lengthening for Children with Limb Deficiencies <b>Jill C. Flanagan, MD; Colleen Coulter, PT, DPT, PhD, PCS; Richard Welling, CO</b>
12:45 – 1:45 PM	<b>LUNCH</b> in Exhibit Hall
1:45 – 5:00 PM	<b>SESSION III – PHYSICIANS’ GUIDED FORUM</b> <i>Moderator: Anna Cuomo, MD</i>
3:00 – 3:45 PM	<b>MEET &amp; GREET VENDORS / POSTERS/ REFRESHMENT</b> in Exhibit Hall
3:45 – 5:00 PM	<b>SESSION IV – PHYSICIANS’ GUIDED FORUM (CONTINUED)</b>
5:00 PM	<b>ADJOURN</b>

## FRIDAY, March 24

7:00 – 8:00 AM	<b>CONTINENTAL BREAKFAST</b> in Regency Ballroom
7:00 AM – 4:45 PM	<b>REGISTRATION</b> in Regency Preassembly
7:30 AM – 4:45 PM	<b>SCIENTIFIC PROGRAM</b> in Colonnade Salon & Preassembly
7:30 – 9:05 AM	<b>SESSION V – PATIENT SATISFACTION: ARE WE REALLY LISTENING?</b> <i>Moderator: Phoebe Scott-Wyard, DO</i>
7:30 – 8:15 AM	Reflection: How are We Really Doing? Exploring Patient and Parent Satisfaction <b>Colleen P. Coulter PT, DPT, PhD, PCS; Roni Mintz; Janet Lombardo, CPO, LPO, MBA; Michael L. Schmitz MD; Sara Smith MHP</b>
8:15 – 8:25 AM	Factor Analysis of Upper Extremity Prosthetic Patient Acceptance <b>Gerald Stark, PhD, MSEM, CPO/L, FAAOP</b>
8:25 – 8:35 AM	McGann Client Feedback Form: Update and Development of Self Advocacy <b>Debra Latour, M.Ed., OTR/L</b>
8:35 – 8:45 AM	We Thought That it Was What They Wanted <b>Robert D. Lipschutz, CP</b>
8:45 – 9:05 AM	<i>Discussion</i>
9:05 - 10:15 AM	<b>SESSION VI – UPPER LIMB DIFFERENCES AND AWARENESS</b> <i>Moderator: Brian Giavedoni, MBA, CP, LP</i>
9:05 – 9:15 AM	Is the Ulnar Ray Really Absent in Ulnar Deficiency? <b>Max Shrout, BS; Scott A. Riley, MD; Janet L. Walker, MD</b>
9:15 – 9:25 AM	Biomechanics of Tumbling Using an Upper Limb Prosthesis <b>Edmund N. Biden; Wendy Hill, OT; Greg Bush, BA, CP; Jennifer Porter, BSME; Vicky Chester, PhD</b>
9:25 – 9:35 AM	Awareness and Impact of Secondary Conditions: Early Intervention for Prevention <b>Debra Latour, M.Ed., OTR/L</b>

9:35 – 9:45 AM	Forming an International Consortium for Sharing Resources of Upper Limb Absence Worldwide <b>Debra Latour, M.Ed.,OTR/L; Sandra Ramdial, CP(c), FCBC; Wendy Hill</b>
9:45 – 9:55 AM	Physiological Function and Prosthetic Emulation of the Human Hand <b>Gerald Stark, PhD, MSEM, CPO/L, FAAOP</b>
9:55 – 10:15 AM	<i>Discussion</i>
10:15 – 11:00 AM	<b>MEET &amp; GREET VENDORS / POSTERS/ REFRESHMENT</b> in Exhibit Hall
11:00 AM – 12:00 PM	Hector Kay Memorial Lecture – The Power of Teamwork – The Road to Zion – <b>Scott H. Kozin, MD</b>
12:00 – 1:00 PM	<b>BUSINESS MEETING LUNCH (Members Only)</b>
1:00 – 3:00 PM	<b>SESSION VII – ARTHROGRYPOSIS</b> <b>Moderator: Jorge A. Fabregas, MD</b>
1:00 – 2:30 PM	Multiple Congenital Contracture Syndrome (Arthrogryposis): Medical Evaluation, Surgical Considerations, Rehabilitative and Orthotic Interventions <b>Glendaliz Bosques, MD; Pedro Mancias, MD; Douglas Barnes, MD; Janet Dawson, DPT; James Northcutt, OTR; Grace Fultz, CPO</b>
2:30 – 2:45 PM	Foot Deformities and Gait Deviations in Children with Arthrogryposis <b>Lucio Ricieri Perotti, MD; Chris Church, MPT; Celina Santiago; Nancy Lennon MS, PT; John Henley, PhD; Kathryn Fazio, PA-C; Freeman Miller, MD; L. Reid Nichols, MD</b>
2:45 – 3:00 PM	<i>Discussion</i>
3:00 – 3:45 PM	<b>MEET &amp; GREET VENDORS / POSTERS/ REFRESHMENT</b> in Exhibit Hall
3:45 – 4:45 PM	<b>SESSION VIII – SPINE, SEATING AND MOBILITY</b> <b>Moderator: Colleen P. Coulter PT, DPT, PhD, PCS</b>
3:45 – 4:05 PM	Optimizing Spinal Fusion Care <b>Jorge Fabregas, MD; Michael Schmitz, MD</b>
4:05 – 4:20 PM	Creative Solutions to Mobility and Communication Needs for Children and Youth with Complex Disabilities Through Orthotic and Mechanical Design <b>John Kooy, M.Sc., CO(c); Mary-Beth Sophianopoulos, OT; Bill Johnson</b>
4:20 – 4:30 PM	Compliance Monitoring in Adolescent Idiopathic Scoliosis: A Review of the Literature <b>Kyle Leister, CO, ATC; Tom Dibello, CO, FAAOP; Shane Wurdeman, PhD, CP, FAAOP</b>
4:30 – 4:45 PM	<i>Discussion</i>
4:45 PM	<b>ADJOURN</b>
6:00 – 9:00 PM	<b>Optional Friday Night Social Event – Pappas Bar-B-Q</b> (separate registration required)

## SATURDAY, March 25

7:00 AM – 8:00 AM	<b>CONTINENTAL BREAKFAST</b> in Regency Ballroom
7:00 AM – 12:45 PM	<b>REGISTRATION</b> in Regency Preassembly
8:00 AM – 12:45 PM	<b>SCIENTIFIC PROGRAM</b> in Colonnade Salon & Preassembly
8:00 – 10:30 AM	<b>SESSION IX – LOWER LIMB AMPUTATIONS AND QUALITY OF LIFE</b> <b>Moderator: Hank White, PT, PhD</b>
8:00 – 8:50 AM	Running Leg Symposium-Run Don't Hide – <b>David B. Rotter, CPO; Robert D. Lipschutz, CP; Colleen P. Coulter PT, DPT, PhD, PCS</b>

8:50 – 9:00 AM	<i>Discussion</i>
9:00 – 9:10 AM	The Challenge of Downhill Mountain Biking with an Above the Knee Prosthesis <b>Bethany M. Lukens, PT, DPT; Sabrina Huston, CPO</b>
9:10 – 9:25 AM	<b>New Investigator Presentation</b> Effect of Amputation Level on Quality of Life and Subjective Function in Children <b>Jessica McQuerry, MD; Lee Gammon, BS; Aaron Carpiaux, MD; Vishwas Talwalkar, MD; Henry Iwinski, MD; Janet Walker, MD; Cale A. Jacobs, PhD; Ryan Muchow, MD</b>
9:25 – 9:35 AM	Multidisciplinary Care for the Child with a Limb Difference/Amputation: A Review of the Literature <b>Vivian Yip, OTD, OTR/L; Phoebe Scott-Wyand, DO</b>
9:35 – 9:50 AM	<i>Discussion</i>
9:50 – 10:05 AM	<b>New Investigator Presentation</b> Conversion of Hip Disarticulation into Transfemoral Amputation <b>Burhan Syed Dhar, CPO</b>
10:05 – 10:20 AM	Surgical, Prosthetic and Rehabilitation Challenges in a 21-Year-Old Female Requiring an External Hemipelvectomy Due to Neurofibrosis 1 with Peripheral Nerve Sheath Tumor <b>Colleen Coulter, PT, DPT, PhD, PCS; Rebecca Hernandez, CPO, LPO; Kaitlin Cash, CO, LO; Jorge Fabregas, MD</b>
10:20 – 10:30 AM	<i>Discussion</i>
10:30 – 11:00 AM	<b>REFRESHMENT BREAK / POSTERS</b> in Exhibit Hall
11:00 AM – 12:45 PM	<b>SESSION X – FOOT DEFORMITIES AND MANAGEMENT</b> <b>Moderator: Todd DeWees, BS, CPO</b>
11:00 – 11:50 AM	Clubfoot Orthotics – Principles and Practices <b>Thomas M. Cook, PT, PhD; Jose A. Morcuende, MD, PhD</b>
11:50 AM – 12:00 PM	<i>Discussion</i>
12:00 – 12:10 PM	There is Less Growth Retardation (Foot Size Asymmetry) in Clubfeet Treated by Ponseti Compared to Comprehensive Surgical Releases <b>Juanita Jean Wallace, MS; Hank White; Samuel F. Augsburger, MS; Vishwas R. Talwalkar MD; Ryan D. Muchow MD; Henry J. Iwinski MD; Janet L. Walker, MD</b>
12:10 – 12:20 PM	Pedobarographic Findings After Posteromedial Releases or Ponseti Management for Clubfeet <b>Juanita Jean Wallace, MS; Hank White; Samuel F. Augsburger, MS; Vishwas R. Talwalkar, MD; Ryan D. Muchow, MD; Henry J. Iwinski, MD; Janet L. Walker MD</b>
12:20 – 12:30 PM	Amputation and Prosthetic Fitting for Failed Clubfoot <b>Robin C. Crandall, MD; Gabriela J. Ferski, RN, MPH, MS</b>
12:30 – 12:45 PM	<i>Discussion</i>
12:45 PM	<b>CLOSING REMARKS - ADJOURN</b>
Poster #1	Design of a Lifelike and Functional Passive Prosthetic Hand for Infants <b>James Klein; Ian McKenzie; Gabrielle Sebaldt; Angela Yoo; Sandra Ramdial; Lisa Artero; Matthew Leineweber; Craig Simmons; Jan Andrysek</b>
Poster #2	Therapeutic Use of Self-Accessing the Advantage with Body-Powered Prosthetic Rehabilitation <b>Debra Ann Latour, M.Ed., OTR/L</b>