Thursday,
11 a.m. to 3:00 p.m. Golf Outing, The Highlands, Grand Geneva Resort & Spa

Friday,
7:00-7:45……Registration/Continental Breakfast in Exhibit Hall
7:45-8:00……..Opening Remarks: Craig DeCamp, CO, Chapter President
8:00-8:30……..AAOP Update, Michelle Hall, CPO, FAAOP
8:30-9:00……..Development of a Three-Dimensional Simulation Tool to Investigate the Effects of Ankle Foot Orthotic Joint Misalignments, Kerice-Ahmun Tucker, BS
9:00-10:00……..Exhibit Hall
10:00-10:20….. Effect of Socket Characteristics on Coronal Plane Stability During Gait in Persons with Unilateral Transfemoral Amputation, Stefania Fatone, PhD
10:20-11:00…..Energy Storing AFO: Conceptual Methodology, Noel Chladek, CO
11:00-12:00…..Fabrication of a Dynamic Flexible Elevated Socket System, Glenn Hutnick, CPO, CTP, FAAOP
12:00-1:00…….Lunch Break in Exhibit Hall
1:00-2:00……..Concurrent Breakout Sessions
Salon C/Breakout I……………………….An Interactive Approach to Lower Limb Prosthetic Education, John Gibson, CP, Freedom Innovations
Fontana Bay Boardroom/Breakout II…………..ProComp Introduction, Brad Mattear, CPA, CFO, Cascade USA
Williams Bay Boardroom/Breakout III……….Gait Fundamentals and Documentation, Robert Meier, CO, BOCO, Kassel Group Inc.,
Geneva Bay Boardroom/Breakout IV………….The RUSH Foot: Emerging Materials and their Effective Applications, Richard M. Sainz, MA, CP
2:00-3:00……..Concurrent Breakout Sessions
Salon C/Breakout I……………………….The Future of Documentation & Regulation: How did we get here? Where is this all headed?, Mark Ford, OPIE
Fontana Bay Boardroom/Breakout II…………..Braided Socket Technology, Rachel Friddle-Johnson, CP, Friddle’s Inc.
Williams Bay Boardroom/Breakout III……….Hydraulic ankle and Microprocessor foot technology, Mike Magee, CP, Endolite
Geneva Bay Boardroom/Breakout IV………….Townsend Knee Bracing: Reducing Costs, Improving Outcomes, Kurt Townson, Townsend Design
3:00-4:00……..Exhibit Hall
4:00-5:00……..Concurrent Breakout Sessions
Salon C/Breakout I……………………….BiOM: Personal Bionics, Roberto Philippe, CP
Fontana Bay Boardroom/Breakout II…………..Technical Issues Related to the Manufacturing of Orthopedic Materials and the Production Techniques Used by Patient Care/Fabrication Facilities Which Can Impact the Quality and Clinical Results of Orthotics, Andrew Ullman, BSME, MSM, UCO International
Williams Bay Boardroom/Breakout III……….Recent Advances in Lower Extremity Orthotics, Russell J. Homfisher, MBA
Geneva Bay Boardroom/Breakout IV………….(cont’d from 2-3) Townsend Knee Bracing: Reducing Costs, Improving Outcomes, Kurt Townson, Townsend Design
5:30-7:30……….Reception in Exhibit Hall

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AMERICAN ACADEMY OF ORTHOTISTS AND PROSTHETISTS

Midwest Chapter AAOP
Annual Meeting and Scientific Session
May 30-June 1, 2013
Grand Geneva Resort and Spa
Lake Geneva, WI
Call 1-800-558-3417 and request MWCAAOP meeting rate.

Saturday, General Sessions, Salon A
7:00-7:45……..Registration/Continental Breakfast in Exhibit Hall
7:45-8:00……..Welcome and introduction
8:00-9:00……..Gunter Gehl Scholarship Presentations
9:00-10:00……..Exhibit Hall
10:00-11:00…..ABC’s Facility Accreditation Standards and How They Will Improve Your Business, Jim Lawson, ABC
11:00-11:40…..Survey of Orthotic Prescription Trends for Lumbar Degenerative Disc Disease, Sandra Schechner, CP
11:40-12:00…..An analytic approach to assessing transfemoral socket flexibility, Oluseeni Komolafe, PhD
12:00-1:00……..Lunch (Vouchers provided)
1:00-1:20……..The effects of walking speed and prosthetic ankle adapters on upper extremity dynamics and stability-related parameters in bilateral transtibial amputee gait. Matthew Major, PhD
2:05-3:00……..Clinical Management and Orthotic Application Influencing Gait Biomechanics in Patients with Neurological Conditions, Jackie Valdez, CO
3:00-3:15……..Break
3:15-5:00……..Medicare Documentation Requirements, Stacie McMichel, NGS

Saturday, Dilatancy Workshop, Geneva Boardroom
Please choose AM or PM Session, not both.
This is a two hour workshop.
10:00-12:00…..AM Session
12:00-1:00……..Lunch (Vouchers provided)
1:00-3:00……..PM Session

Saturday Workshop 10:00-12:00 OR 1:00-3:00
Demonstration of Dilatancy Casting for Transtibial Socket and Foot Orthosis: A reverse innovation of appropriate prosthetic/orthotic technologies
Yeongchi Wu, Chris Robinson, Hector Casanova, John Michael, Larissa Conner, Steve Gard

There are millions of bags of vacuum-packed food, coffee beans and tea leaves sold in supermarkets every day. Most people may not realize they have something in common with a procedure for making artificial limbs. The vacuum-sealing concept used for packing coffee beans and tea leaves, called “dilatancy”, initially investigated and patented in 1940s’ by WJ Mead, inspired us to develop a low cost, “re-usable” casting systems for fabrication of artificial limbs and orthoses with grants from the National Institute on Disability and Rehabilitation Research (NIDRR), U.S. Department. of Education. Dilatancy technology continues to be refined for applications in both prosthetics and orthotics creating accurate impressions of the body utilizing renewable and low-cost materials. The dilatancy prosthetic technology for transtibial socket fabrication has been independently evaluated in 2004 and 2007 by the International Society for Prosthetics and Orthotics (ISPO) in Vietnam with positive results showing an improvement of prosthetic socket fit over the traditional plaster-based approach. In addition, there is cost saving and waste reduction by eliminating plaster from the fabrication process. It was recognized by the ISPO as “a positive development for casting transtibial amputation stump”. Clinically, since 2008, this new prosthetic technology has been applied in Asia for more than 7,000 individuals with amputation and two elephant-ampupees injured by landmines. This “better, cheaper and/or faster” green technology has improved the productivity and quality of P&O services in developing countries facing the same challenges practitioners in the US work through including man-power shortages and dated manufacturing techniques.

During the workshop, you will be able to not only see a live demonstration but participate actively. Perhaps you will find the dilatancy system has potential benefit in your own practice.

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