



**AOPA National Assembly ~ Mandalay Bay Resort**  
**Pedorthic Education Program**  
**September 4-7, 2014**

## Thursday, September 4, 2014

**7:30 AM – 7:00 PM      Registration**

8:00 AM – Noon

Manufacturers Workshops – Tier A

**Evolution of Pedorthic Fabrication" Where Tradition Meets Technology (MWA-11)**

Breakers L

*Sponsor: Janisse Orthotic Effects, LLC (JFX) a division of National Pedorthic Services, Inc. (NPS)*

Explore the fabrication of Pedorthic modalities, learn of innovative devices and new technology. Take a deeper look at shoe modifications, FO's and SCFO's like ankle gauntlets and HRB's. You will come to understand the process of providing simple and complicated shoe modifications that look great and allow total functionality. FO fabrication is in a new era, from materials selection to new techniques. These FOs are now available in days using an inexpensive scanning system. High quality leather work has not gone away; the traditional handcraftsmanship is still key. Review new and different SCFO concepts that look great and function even better.

12:30 PM

Lunch on your own

1:00 – 5:00 PM

Manufacturers Workshops – Tier D

**Below the Ankle-Looking From The Ground Up (MWD-11)**

Breakers L

*Sponsor: Aetrex Worldwide*

This pedorthic workshop will discuss the practitioner's needs when prescriptions are not always helpful. A thorough assessment will be discussed as well as the problematic pes cavus foot which is not given as much attention in medical journals as the planus foot. Making healthier choices in your material choices for your diabetic patients, your working environment and Diabetic Footcare will also be discussed. We will close with a short hands-on assessment workshop.

5:00 – 7:30 PM

Viva Las Vegas Welcome Reception Sponsored by WillowWood  
Shoreline A (Exhibit Hall)

# Friday, September 5, 2014

- 7:30 AM – 6:00 PM**      **Registration**
- 7:00 AM**                      **Breakfast**  
Mandalay Bay Ballroom G
- 7:15 AM**                      **Welcome and Opening Remarks**  
Mandalay Bay Ballroom G
- 7:30 – 8:30 AM**              **General Session: Opening Keynote Address**  
Mandalay Bay Ballroom G  
Adrienne Haslet-Davis' life as a dancer was shattered last year at the Boston Marathon bombings. She and her husband Adam, who had just returned from a tour in Afghanistan with the Air Force, were steps away from the second blast. Join us for a first-hand account of her compelling story of hope and thanksgiving. Haslet-Davis has now become an advocate for other amputees. "I feel really passionately about the rights of amputees as well as advancements in prosthetics," she said. "I know that the only thing that makes me disabled is not the fact that I don't have two feet, it's the fact that what I'm using isn't advanced enough."
- 8:45 – 10:00**                **Award Winning Thranhardt Lectures (C1)**  
Mandalay Bay Ballroom G  
Don't miss the "best of the best" at the award winning Thranhardt Lecture series. Launched by a gift from J.E. Hanger in memory of Howard R. Thranhardt, CP, the series offers an honorarium to the winners. This year's winning presentations are outlined below. *(The following sessions run consecutively within this program.)*
- A Comparative Study of AFO Dynamics During Simulated Gait, *David Knapp, CPO, Med*
  - Functional Performance/Evaluation of Dynamic Response Feet, *Nicoleta Bugnariu, PT, PhD*
  - Evaluation of 1200+ C-Leg Test Fittings in Germany, *Andreas Hahn, PhD, MSc*
  - Prosthetists' Confidence Administering Outcome Measures, *Susan Spaulding, MS, CPO*
- 10:00 – 10:45 AM**        **Break in Exhibit Hall**  
Shoreline A (Exhibit Hall)
- 10:00 AM – 6:30 PM**      **Exhibit Hall Open and Product Preview Theaters**  
Shoreline A (Exhibit Hall)
- 10:45 AM – Noon**        **The Diabetic Foot (C4)**  
**Mandalay Bay Ballroom J**  
*(The following sessions run consecutively within this program.)*
- 10:45 - 11:30 AM**        **Introduction and Review of Diabetes and Foot Complications (C4A)**  
*Corky Atkins, CPed, PT, CDE*  
People with diabetes can develop many different foot problems. Even ordinary problems may worsen and lead to serious complications or amputation. Neuropathy, nerve damage, poor

circulation, deformity of the foot, and calluses can evolve into ulcers and infection. According to the American Diabetes Association about half of all people with diabetes have some form of nerve damage.

- 11:30 AM - Noon**      **Diabetic Risk Categories and Management (C4B)**  
*Dennis Janisse, CPed*  
Learn to manage the various diabetic risk categories.
- Noon – 1:00 PM**      **Lunch**  
Shoreline A (Exhibit Hall)
- 1:00 – 2:00 PM**      **Poster Presentations**  
Shoreline A (Exhibit Hall)
- 2:00 - 5:00 PM**      **Pedorthic Symposium: Team Approach to the Care of the Diabetic Foot (C7)**  
Mandalay Bay Ballroom J  
*Dennis Janisse, CPed*  
*Troy Watson, MD*  
*Steven King, DPM, CPed*  
*Corky Atkins, CPed, CDE*  
*Steve Fletcher, CPO*  
*Donna Robertson, CPed*  
Join our multi-disciplinary team of diabetic foot care professionals, including a wound care specialist, pedorthists, a diabetes educator, a Podiatrist, and an orthopedic surgeon for a candid discussion on the different team member roles when treating the diabetic foot.
- 5:00 – 6:30 PM**      **Happy Hour Reception in Exhibit Hall**  
Sponsored by Exhibitors
- 6:30 – 8:00 PM**      **Wine Tasting and Auction**  
South Convention Center Foyer

## **Saturday, September 6, 2014**

- 7:00 AM – 5:30 PM**      **Registration**
- 7:00 AM**      **Breakfast**  
Mandalay Bay Ballroom G
- 7:15 – 8:30 AM**      **Association Membership Meeting and Awards Program**  
Mandalay Bay Ballroom G
- 8:30 – 10:00 AM**      **Award-Winning Hamontree Lectures (B6)**

Mandalay Bay Ballroom L

*(The following sessions run consecutively within this program.)*

So, What Are We Missing? (B 6A)

*Eric Burns, CO*

Some may feel O&P is facing rough times. Like everyone in healthcare, we have challenges. But are the challenges just unrecognized opportunities? What if O&P can provide answers to healthcare's biggest question?

Build a Stronger Business: Megatrends Impacting Your O&P Practice and What You Need to Do Now to Optimize Your Business (B 6B)

*Mike Mallaro, CFO, CPA*

O&P is undergoing significant change, threatening the survival of many while also creating tremendous opportunities. The session will explore Megatrends impacting the industry, explain what each means to O&P practices and will discuss strategies to capitalize where possible, and mitigate where necessary. The presenter offers a uniquely pragmatic financial perspective.

Review of Resources for Orthotic and Prosthetic Practice Management (B 6C)

*Jason Kahle, MSMS, CPO, FAAOP*

Competing with large competitors is difficult without the knowledge of accessing resources that can assist in business development. In today's environment a clinical practice manager should be well versed in outcomes measures, referrals' needs, patient resources, web development, revenue generation, the latest research, product selection, and community outreach programs. Accessing the resources to assist a clinician in building their knowledge of the aforementioned, rebranding, clinically differentiating, and ultimately revenue generating will be discussed.

**10:00 – 11:00 AM**

**Break in Exhibit Hall**

**11:00 AM - Noon**

**Step by Step Treatment Options for Pedorthists—A Free Paper Session (C14)**

**Mandalay Bay Ballroom J**

***(The following sessions run consecutively within this program.)***

Advanced Composite Spring Lever Orthosis (C14A)

*Steven King, DPM, CPed*

The Advanced Composite Spring Lever Orthotic Device is a newly-patented prosthetic and orthotic gait system that utilizes composite materials and simple machine physics to enable the user to be more efficient, stable, and safer.

Biomechanic Justification for the Use of an Adjustable Upright Walking Boot for the

Treatment of Achilles Tendon Repair (C14B)

*William Cox, CPO*

First bio-mechanically engineered walking boot that utilizes adjustable uprights to customize the fit of every walking boot for Achilles tendon repair.

Plantar Foot Surface Ameliorates Equinus Gait in Children with Idiopathic Toe Walking (C14C)

*Mark Geil, PhD*

This research discovered a simple and potentially effective therapeutic treatment for children with Idiopathic Toe Walking. Barefoot walking on a gravel surface significantly limited toe walking in this population and should be considered as a potential treatment or a component in future orthosis design.

Minimizing Diabetic Tissue Injury by Reducing the Effects of Pressure Variables (C14D)

*Arjan Buis, PhD*

An experimental investigation to determine the suitability and efficacy of commonly used Total Contact Insole materials towards reducing pressure variables.

**Balance and Risk of Fall in Forefoot Offloading in Diabetic Neuropathy (C14E)**

*Mahboobeh Mehdikhani, Rehabilitation research center, Iran university of medical sciences*

Balance is one of the vital elements of activity performance. Diabetic patients who have proprioception impairment and use offloading orthoses and are at risk of fall. It was not clearly known whether neuropathy and/or offloading orthoses increases the risk of fall in diabetic patient. Thus, the aim of this study was to evaluate balance and risk of fall in diabetic patient while their forefeet were offloaded. 16 diabetic volunteers with neuropathy (age = 50-70 years) participated in the study. They had no active ulcers and/or visual problems. Dynamic and static balance and risk of fall were assessed using the Biodex Stability System. We tested 16 diabetic neuropathic subjects and 16 diabetic subjects with and without forefoot offloading.

**Noon**

**Lunch**

Shoreline A Exhibit Hall

**1:00**

**Poster Presentations**

Shoreline A Exhibit Hall

**2:00 - 5:00 PM**

**Evaluations and Research (C17)**

Mandalay Bay Ballroom J

*Seamus Kennedy, CPed*

*Donna Robertson, CPed*

*Corky Atkins, PT, CWS, CPed, CDE*

*Geza Kogler, PhD, CO*

*Seamus Kennedy, CPed*

The afternoon program will focus on three very important areas of diabetic foot treatment: diabetic foot evaluation, biomechanical/gait issues of the diabetic patient, and current research pertaining to the diabetic foot.

**5:00 – 6:00 PM**      **\$5,000 Giveaway—Exhibit Hall Closing Event**  
Shoreline A (Exhibit Hall)

## **Sunday, September 7, 2014**

**7:00 AM – Noon**      **Registration**

**7:30 AM**      **Breakfast**  
Foyer

**8:00 AM - 10 AM**      **Orthotic-Pedorthic Management of the Diabetic Foot (C20)**

Mandalay Bay Ballroom J  
*Donna Robertson, CPed, PT, CDE*  
*Robert Sobel, CPed*  
*Corky Atkins, CPed, PT, CDE*  
*Dennis Janisse, CPed*

In this session we will explore traditional as well as new conservative management techniques of the diabetic foot including: ulcer, post-ulcer Management; partial foot management; charcot foot; utilization of custom shoes; and orthotic, prosthetic Intervention.

**10:00 – 11:00 AM**      **Current and New Technology in Foot Orthoses Fabrication for Orthotists and Pedorthists (C22)**

Mandalay Bay Ballroom J  
Semus Kennedy, CPed  
Jeremy Janisse, CPed, COA  
Chris Lawrie and Madia Koller

Learn from our panel as they discuss current and new technology in foot orthoses fabrication.

**11:00 AM - Noon**      **Preventing the Preventable in the Global Fight against Diabetic Foot Ulcers and Amputations (C25)**

Mandalay Bay Ballroom J  
Katia Langton, DC, CPed

An overview of the burden and impact of the Diabetes pandemic and Peripheral Neuropathy leading to the preventable loss of limbs and lives. The critical need for a paradigm shift in the area of prevention through comprehensive assessments and Diabetic foot screenings to prevent foot complications.