78th Annual Meeting
Preliminary Program

July 30 - August 2, 2014  The Fairmont Orchid  Big Island of Hawaii

Combined and Concurrent Meeting Allied Health Program for Physician Assistants

29.6 CME credits available

Presidental Guest Speaker
Dempsey S. Springfield, MD
Boston, MA

Howard Steel Lecturer
Walter C. Willett, MD, DrPH
Boston, MA

www.woa-assn.org
Aloha Colleagues!

This summer the Big Island of Hawaii and its sun-drenched beaches will make a beautiful backdrop for our 78th Annual Meeting of the Western Orthopaedic Association. The meeting will take place from July 30-August 2, 2014 at the Fairmont Orchid along the Kohala Coast. With everything from beautiful beaches to lush rain forests to active volcanoes, the Island of Hawaii offers a multitude of activities for you and your family to enjoy. Make this a summer to remember and join us for what promises to be an exciting and educational meeting.

We are delighted to have Walter Willett, MD, DrPH as the Steel Lecturer for the meeting. Dr. Willett is the Frederick John Stare Professor of Epidemiology and Nutrition, professor of Medicine at Harvard Medical School. Not only is he the chair of Harvard’s nutrition department, he is also the single-most cited nutritionist in the world. He is well known for his 2001 book, *Eat, Drink, and Be Healthy: the Harvard Medical School Guide to Healthy Eating*. The fact that he is the grandson of a dairy farmer has not stopped Dr. Willett from taking on the $140 billion dairy industry. Please join us to hear what I am sure will be a controversial and enlightening talk, "Three Glasses of Milk per Day: Essential Nutrition or 'Udderly' Ridiculous?"

I am extremely pleased to have Dempsey S. Springfield, MD as the Presidential Guest Speaker. Dr. Springfield is a world renowned orthopaedic oncologist and the former Chair of Orthopedics at Mount Sinai Hospital in New York, the former Residency Director of the Harvard Combined Orthopaedic program and Associate Director, Partners Graduate Medical Education.

The Program Committee, chaired by Drs. Bryan Moon and Melvyn Harrington, has been hard at work developing an exceptional program. We have received accreditation for 29.6 CME credits for the entire meeting, which is outstanding. With the WOA self-assessment exam, which is once again offered this year, a WOA member will be well along the way to satisfy his or her Maintenance of Certification requirements. New this year is a concurrent PA-Surgeon Program. This will be a great opportunity for PAs, PTs and NPs to learn and network with fellow physician extenders and orthopaedic surgeons. I encourage you to bring your PAs to what I am sure will be a fabulous program.

In a continued effort to recognize and support resident and young investigator participation, the WOA will award the top resident’s (7) and young investigator’s (3) abstracts with monetary awards. The top two resident abstracts will also be presented at the Annual Meeting of the American Academy of Orthopaedic Surgeons.

The luxurious oceanfront Fairmont Orchid offers white sandy beaches, golf, tennis, spa services and children’s activities. The beautiful setting, gorgeous weather and exciting program promises to make the 78th WOA Annual Meeting one to remember. Mark your calendars and plan to attend! This will be one meeting you don’t want to miss!

Aloha,

Valerae O. Lewis, MD

Valerae O. Lewis, MD
WOA President
Presidential Guest Lecturer
Dempsey S. Springfield, MD

WOA is pleased to welcome Dr. Dempsey S. Springfield as its Presidential Guest Speaker at the 78th Annual Meeting on the Big Island. Dr. Springfield retired from clinical practice in February 2014 after practicing orthopaedic oncology since 1978.

He was on the orthopaedic faculty at the University of Florida, Harvard, and the Mount Sinai Medical Center during his career. From the onset of his career he was involved with medical student education and orthopaedic resident education. He was the orthopaedic residency Program Director from 1981 until 1986 at the University of Florida. He became an oral examiner for the American Board of Orthopaedic Surgery in 1983.

Dr. Springfield was a site visitor for the ACGME’s Orthopaedic RRC from 1996 to 2002. He was a member of the ACGME’s Orthopaedic RRC committee from 2002 to 2008. He was the Chair and Program Director of the orthopaedic residency at Mount Sinai Medical School in New York City from 1996 to 2005. He was the Program Director for the Harvard Combined Orthopaedic Residency from January 2009 to April 2012 and an Associate GME Director for Partners Healthcare from October 2008 to February 2014.

We look forward to Dr. Springfield’s podium presentation at WOA’s 2014 Annual Meeting.

Howard Steel Lecturer
Walter C. Willett, MD, DrPH

WOA is pleased to have Dr. Walter Willett, an American physician and nutrition researcher, as its Howard Steel Lecturer for the 78th Annual Meeting. Dr. Willett, chair of Harvard’s nutrition department, is the Frederick John Stare Professor of Epidemiology and Nutrition and professor of Medicine at Harvard Medical School. He is also the single-most cited nutritionist in the world.

Dr. Willett was born in Hart, Michigan and grew up in Madison, Wisconsin, studied food science at Michigan State University, and graduated from the University of Michigan Medical School before obtaining a Doctorate in Public Health from Harvard School of Public Health. Dr. Willett has focused much of his work over the last 30 years on the development of methods, using both questionnaire and biochemical approaches, to study the effects of diet on the occurrence of major diseases. He has applied these methods starting in 1980 in the Nurses’ Health Studies I and II and the Health Professionals Follow-up Study. Together, these cohorts that include nearly 300,000 men and women with repeated dietary assessments are providing the most detailed information on the long-term health consequences of food choices.

Dr. Willett has published over 1,500 articles, primarily on lifestyle risk factors for heart disease and cancer, and has written the textbook, *Nutritional Epidemiology*, published by Oxford University Press. He also has three books for the general public, *Eat, Drink and Be Healthy: The Harvard Medical School Guide to Healthy Eating*, which has appeared on most major bestseller lists, *Eat, Drink, and Weigh Less*, co-authored with Mollie Katzen, and most recently, *The Fertility Diet*, co-authored with Jorge Chavarro and Pat Skerrett. He is a member of the Institute of Medicine of the National Academy of Sciences and the recipient of many national and international awards for his research.

Accreditation Information continued

presentations. After reviewing the needs assessment and review of the 2013 program critique, the Program Committee of the WOA has created a program for 2014 that will afford orthopaedic physicians the opportunity to:

1. Discuss the current trends in Total Hip Arthroplasty.
2. Discuss the current trends in Total Knee Arthroplasty.
3. Discuss update in arthroplasty health policy.
4. Describe and employ in your practice tips and tricks for common orthopaedic traumatic conditions that make fracture reduction and fixation easier for the General Orthopaedist.
5. Discuss current trends in hand and upper extremity conditions.
6. To have an exchange of ideas between the presenters, the faculty and the participants through paper presentations, instructional courses, guest lectureships, symposia, multimedia educational sessions, case presentations and poster exhibits.
7. Discuss the current trends in the management of musculoskeletal tumors.

DISCLAIMER

The products, procedures, and opinions presented at this meeting reflect the viewpoint or approach of the presenter only, and are not to be attributed to the Western Orthopaedic Association. The Western Orthopaedic Association presents such material for informational purposes only, and does not endorse any such product or the content of any such presentation.

FORMAT

The educational sessions will be held Thursday, Friday and Saturday, July 31-August 2, from approximately 6:00 am until 1:30 pm.

SCIENTIFIC POSTER SESSIONS

Scientific posters are an important feature of the WOA Annual Meeting. Posters will be on display each day of the Scientific Program and poster presenters will be available to answer questions before and after the Scientific Program Sessions. Please note on the Scientific Program Schedule the designated times the poster presenters will be available for discussion.

MULTIMEDIA EDUCATION SESSIONS

The WOA will provide multimedia education sessions on Thursday, Friday and Saturday, July 31-August 2. A comprehensive selection of AAOS DVDs will be available for your individual education. These DVDs will highlight surgical procedures and current concepts in Orthopaedics. Registered attendees should find these DVDs informative and helpful in their practice.

PHYSICIAN REGISTRATION FEE

Registration covers the Scientific Program, Syllabus, Daily Continental Breakfasts and Coffee Breaks, General Meeting Expenses, Multimedia Educational Sessions, Poster Sessions, Welcome Reception, Exhibitor Reception and Family Gala Dinner Dance.
Presenters and times subject to change

WOA’s 78th Annual Meeting
July 31 - August 2, 2014

Thursday, July 31

5:00 am – 6:00 am  Poster Session (Poster Presenters Available)

6:00 am – 6:05 am  Welcome
  Bryan S. Moon, MD, Program Co-Chair
  Melvyn A. Harrington Jr., MD, Program Co-Chair
  Valerae O. Lewis, MD, President

6:05 am – 6:20 am  First Business Meeting

5:00 am – 6:00 am  Poster Session (Poster Presenters Available)

General Session 1 – Topic
Moderator: TBA

6:20 am – 7:14 am  Abstract Presentations

7:14 am – 7:20 am  Discussion

Symposium 1 – Tumor Update
Moderator: Patrick P. Lin, MD

7:20 am – 7:35 am  Management Of Spine Metastases
  Justin Bird, MD, MD Anderson Cancer Center, Houston, TX

7:35 am – 7:50 am  Management Of Long Bone Metastases
  Amalia Decomas, MD, CORE Institute, Gilbert, AZ

7:50 am – 8:05 am  Soft Tissue Lumps And Bumps
  Jeffrey Krygier, MD, Santa Clara Medical, Santa Clara, CA

8:05 am – 8:10 am  Discussion

8:10 am – 8:30 am  Break – Please Visit Exhibits

Symposium 2 – Instability Of The Elbow, Wrist, And Hand In The Athlete: A Case Based Approach
Moderator: Thomas R. Hunt III, MD

8:30 am – 9:10 am  Thomas Hunt, III, MD, Baylor College of Medicine, Houston, TX
  E. Anne Ouellette MD, Physicians for the Hand, Coral Gables, FL
  Randall Viola, MD, The Steadman Clinic, Vail, CO

9:10 am – 9:20 am  Discussion

General Session 2 – BOC Report and Presidential Guest Speaker
Moderator: Valerae O. Lewis, MD

9:20 am – 9:30 am  BOC Report
  Robert R. Slater Jr., MD, Folsom, CA

9:30 am – 10:10 am  Why The Touchy/Feely Competencies Are Important
  Dempsey S. Springfield, MD, Boston, MA

10:10 am – 10:30 am  Break – Please Visit Exhibits

Symposium 3 – Sports Medicine
Moderators: Raffy N. Mirzayan, MD & John “Trey” Green III, MD

10:30 am – 11:20 am  Hot Topics In Sports Medicine - A Case Based Approach
  Keith Kenter, MD, University of Cincinnati, Cincinnati, OH

11:20 am – 12:20 pm  Industry Sponsored Workshop Luncheon

Concurrent Session 3 – Topic
Moderator: TBA

12:20 pm – 1:20 pm  Abstract Presentations

1:20 pm – 1:30 pm  Discussion

Concurrent Session 4 – Topic
Moderator: TBA

12:20 pm – 1:20 pm  Abstract Presentations

1:20 pm – 1:30 pm  Discussion

PA Session 1 – Trauma
Moderator: Kristi Posey, PA-C, ATC-LAT

12:20 pm – 1:30 pm  Fractures and Neurovascular Implications Workshop: Advanced Casting
  David Chafey, MD, University of New Mexico School of Medicine, Albuquerque, NM

1:30 pm – 3:00 pm  Poster Session (Poster Presenters Available)

3:00 pm – 5:00 pm  Multimedia Education Session

Friday, August 1

5:00 am – 6:00 am  Poster Session (Poster Presenters Available)

6:00 am – 7:00 am  Chat With “Chip” Routt – Review Of Challenging Trauma Cases

General Session 5 – Case Reviews
**WOA’s 78th Annual Meeting Tentative Scientific Program Outline**

**Location:** The Fairmont Orchid - Big Island of Hawaii

**Milton “Chip” Routt Jr., MD, University of Texas Health Science Center, Houston, TX**

**General Session 8 – AAOS Report and Howard Steel Lecture**
Moderator: Valerae O. Lewis, MD

- **9:15 am – 9:30 am**  **AAOS Report**
  Frederick M. Azar, MD, President, American Academy of Orthopaedic Surgeons, Memphis, TN

- **9:30 am – 10:20 am**  **Howard Steel Lecture**
  Three Glasses Of Milk Per Day: Essential Nutrition Or “Udderly” Ridiculous?
  Walter C. Willett, MD, DrPH, Harvard School of Public Health, Boston, MA

**7:00 am – 7:05 am**  Change Rooms

**Concurrent Session 6 – Topic**
Moderator: TBA

- **7:05 am – 7:59 am**  Abstract Presentations
- **7:59 am – 8:05 am**  Discussion

**Concurrent Session 7 – Topic**
Moderator: TBA

- **7:05 am – 7:59 am**  Abstract Presentations
- **7:59 am – 8:05 am**  Discussion

**PA Session 2 – Sports Medicine**
Moderator: Kristi Posey PA-C, ATC-LAT

- **7:05 am – 8:05 am**  Concussions, and Their Impact
  Concussions Workshop: ImPACT
  Concussion Test
  Speaker TBD

- **8:05 am – 8:25 am**  Break – Please Visit Exhibits

**Symposium 4 – Trauma**
Moderator: Milton “Chip” Routt Jr., MD

- **8:25 am – 8:35 am**  Clavicle Fractures And AC Joint Injuries: When Should We Fix?
  Gil Ortega MD, Sonoran Orthopaedic Trauma Surgeons, Scottsdale, AZ

- **8:35 am – 8:45 am**  Proximal Femur Fractures: From Plate To Nail And Back Again
  David Chafey, MD, University of New Mexico School of Medicine, Albuquerque, NM

- **8:45 am – 8:55 am**  Ankle Syndesmosis Fixation and Removal: An Update
  Rick Gehlert, MD, University of New Mexico School of Medicine, Albuquerque, NM

- **8:55 am – 9:05 am**  Geriatric Acetabular Fractures: Too Old To Fix?
  Milton “Chip” Routt Jr., MD, University of Texas Health Sciences Center, Houston, TX

- **9:05 am – 9:15 am**  Discussion

- **9:15 am – 9:30 am**  **AAOS Report**
  Frederick M. Azar, MD, President, American Academy of Orthopaedic Surgeons, Memphis, TN

- **9:30 am – 10:20 am**  **Howard Steel Lecture**
  Three Glasses Of Milk Per Day: Essential Nutrition Or “Udderly” Ridiculous?
  Walter C. Willett, MD, DrPH, Harvard School of Public Health, Boston, MA

- **10:20 am – 10:40 am**  Break – Please Visit Exhibits

**Concurrent Session 9 – Topic**
Moderator: TBA

- **12:30 pm – 1:24 pm**  Abstract Presentations
- **1:24 pm – 1:30 pm**  Discussion

**Concurrent Session 10 – Topic**
Moderator: TBA

- **12:30 pm – 1:24 pm**  Abstract Presentations
- **1:24 pm – 1:30 pm**  Discussion

**PA Session 3 – Radiology**
Moderator: Kristi Posey PA-C, ATC-LAT

- **12:30 pm – 1:30 pm**  Benign or Malignant? Workshop: Interactive Quiz
  Behrang Amini, MD, MD Anderson Cancer Center, Houston, TX

- **1:30 pm – 3:00 pm**  Poster Session (Poster Presenters Available)

**1:30 pm – 5:00 pm**  Multimedia Education Session
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<tr>
<th>Time</th>
<th>Event</th>
<th>Moderator/Presenter</th>
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<tbody>
<tr>
<td>5:00 am – 6:00 am</td>
<td>Poster Session (Poster Presenters Available)</td>
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<tr>
<td>6:00 am – 6:12 am</td>
<td>Update on Venous Thromboembolic Prophylaxis - Most Recent Guidelines</td>
<td>Steven T. Woolson, MD, Stanford School of Medicine, Redwood City, CA</td>
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<td>6:12 am – 6:24 am</td>
<td>Bearings and Tapers in Total Joint Replacement - Concerns and Trends</td>
<td>James I. Huddleston, MD, Stanford School of Medicine, Redwood City, CA</td>
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<td>6:24 am – 6:36 am</td>
<td>Diagnosing and Managing Periprosthetic Joint Infection</td>
<td>Nicholas J. Giori, MD, PhD, Stanford School of Medicine, Redwood City, CA</td>
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<td>6:36 am – 6:50 am</td>
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<td>Discussion</td>
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<td>6:50 am – 7:05 am</td>
<td>Second Business Meeting</td>
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<td>7:05 am – 7:35 am</td>
<td>Pitfalls of Orthopaedic Imaging</td>
<td>Behrang Amini, MD, MD Anderson Cancer Center, Houston, TX</td>
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<td>7:35 am – 7:50 am</td>
<td>Hallux Rigidus</td>
<td>Richard Beaver, MD, University of Texas Health Science Center, Houston, TX</td>
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<td>7:50 am – 8:05 am</td>
<td>Talus Osteochondral Lesions</td>
<td>William McGarvey, MD, University of Texas Health Science Center, Houston, TX</td>
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<td>8:05 am – 8:20 am</td>
<td>Posterior Tibial Tendon Dysfunction</td>
<td>Roger A. Mann, MD, Oakland Bone and Joint Specialists, Oakland, CA</td>
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<td>8:20 am – 8:25 am</td>
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<td>Discussion</td>
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<td>12:00 pm – 1:00 pm</td>
<td>Abstract Presentations</td>
<td>Encompassing Review</td>
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<td>Discussion</td>
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<td>12:00 pm – 1:00 pm</td>
<td>PANCE/PANRE/CAQ Workshop:</td>
<td>Craig Roorda, PA-C and Mark Pilarczyk, PA-C, MD Anderson Cancer Center, Houston, TX</td>
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<td>1:00 pm – 2:00 pm</td>
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<td>Poster Session (Poster Presenters Available)</td>
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<td>2:00 pm – 4:00 pm</td>
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<td>Multimedia Education Session</td>
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The Big Island of Hawaii is aptly-named. It is by far the largest island in the Hawaiian chain – combine the size of all the others, double that figure, and the Big Island is still the larger land mass. This extra space does not translate to population since only approximately 140,000 people, many of them living in urban areas, call the island home.

A nature-lover's paradise, the Big Island has remained relatively unspoiled, and its protected forests include the Kau, Kapapala, and Ruu Makaala Reserves in the south and the Mauna Kea, Kohala, and Hakalau Reserves in the north. At the heart of the island are two towering volcanic peaks, Mauna Kea and Mauna Loa. Those looking to vacation in Mauna Kea will, quite literally, find their heads in the clouds, as the mountain's summit is some 13,700 feet above sea level, making it a prime spot for Big Island stargazing. Meanwhile, Mauna Loa is the dramatic centerpiece of Volcanoes National Park, the 13th park so designated by the United States government. Over the years, park sights have thrilled countless visitors – Kilauea Caldera, which has been spewing lava since 1983; ancient lava chutes and smoldering cinder cones; and the dramatic Kau desert, which is home to the Pu'u Loa Petroglyphs.

**Fairmont Orchid Hotel**

Nested on 32 oceanfront acres of the Big Island's Kohala Coast, this luxury resort has sugar-white sandy lagoon and aquamarine waters. Enjoy the four restaurants and three lounges, as well as take advantage of the year-round children's program.

Relax and rejuvenate at the authentic Hawaiian outdoor ‘Spa Without Walls’ with both waterfall massage hale (huts) and breathtaking oceanfront massage cabanas that draw from the island's natural healing mana (power). Play golf at the beautiful and challenging Fairmont Orchid award-winning 36-hole golf course. If tennis is your game, enjoy a match on one of the 10 plexipave courts surrounded by lush gardens and cool ocean breezes.

Enjoy the beautiful beaches and meet the native Hawaiian Green Sea Turtles that bask on the shoreline every afternoon. Discover island-style fun and culture as you paddle an outrigger canoe, hike through the largest petroglyph field in the Pacific, learn to weave a coconut leaf basket, and more, guided by the hotel's Orchid Beachboys.

Go to [www.fairmont.com](http://www.fairmont.com) to join the Fairmont Hotels & Resorts guest recognition program, Fairmont President’s Club. Membership in the hotel loyalty program is complimentary and allows you express check-in at a private reception desk, complimentary high-speed Internet access, free local calls, complimentary health club access, complimentary use of TaylorMade golf clubs, use of Fairmont Fit and more.

**Hotel Room Reservation and Rates (Room Block Cutoff Date: June 21, 2014)**

WOA has reserved a block of sleeping rooms for your convenience while attending the Annual Meeting and will hold these rooms until June 21, 2014. To make a reservation, call (800) 845-9905 and mention that you are with Western Orthopaedic Association to get the discounted rate!

**Space is limited, so make your reservation early!**

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<tr>
<th>Room Category</th>
<th>Rates</th>
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<tr>
<td>Fairmont Rooms</td>
<td>$229</td>
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<tr>
<td>Partial Ocean View Rooms</td>
<td>$259</td>
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<tr>
<td>Ocean View Rooms</td>
<td>$299</td>
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<tr>
<td>Gold Floor Garden View Rooms</td>
<td>$400</td>
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**ADDITIONAL ROOM OCCUPANTS:** There is no charge for children under eighteen (18) years of age sharing the same room with their parents and utilizing existing bedding. There will be an additional charge of $75.00 per night, plus tax for the third adult (eighteen years or older) in a room. The maximum number of persons per room is three (3) adults or two (2) adults and two (2) children. Limited Rollaway Beds available. *Resort fee waived upon check-in with WOA credentials.

**Confirmation:** A hotel confirmation will be sent to you upon receipt of your request.

**Deposit:** At the time of booking a two (2) night deposit will be required to hold the reservation. **Room Cancellations:** All room cancellations must be made fourteen (14) days prior to reservation. **Room Cancellations:** Room cancellations must be made in writing and you should receive a cancellation confirmation number.

**Transportation and Airline Information**

Kona Airport (KOA) is approximately 20 miles from The Fairmont Orchid Hotel.

A pre-arranged taxi cab ride through Air Taxi, (808) 883-8262, is $76 one-way. Limo service is available by calling Jacks Tours at (808) 969-9507. If you would like to rent a car, Hertz discounts are available online at www.hertz.com or by calling (800) 654-2240 and using discount code CV#04B00006. Please note: Hotel self-parking is complimentary and valet is $22 per night with unlimited access.
**TUESDAY, JULY 29**

3:40 pm – 10:30 pm  **Mauna Kea Summit**

The summit of Mauna Kea is renowned as the world’s greatest astronomical observation site and is also one of Hawaii’s most sacred cultural sites. Learn about the remarkable evolution and changes the island’s natural world has experienced. A dinner stop will be made at a historic ranch outpost. After dinner you’ll be taken to the summit top for a sensational sunset. Stand in awe at the top of the world’s tallest volcano amidst the largest collection of telescopes on earth and some of the most dramatic scenery you’ll ever witness. And then, at a lower elevation, an Interpretive Naturalist will reveal the wonders and world-class clarity of the Hawaiian night skies.

Must be 16 years or older. Not advised for those with respiratory or heart conditions, pregnancy, or in poor health. Scuba divers, please note that summit altitude is over 13,000 feet (4000 meters). Although guests are provided hooded parkas, they should bring a light sweater or jacket and wear long pants and good walking shoes. Sunset and star viewings are subject to weather conditions.

*Price: $190 per person (limited to 28 people)*

**WEDNESDAY, JULY 30**

12:00 pm – 4:00 pm  **WOA Board of Directors Meeting**

12:00 pm – 5:00 pm  **Meeting Registration**

12:00 pm – 5:00 pm  **Exhibitor Setup**

12:00 pm – 5:00 pm  **Scientific Poster Setup**

**THURSDAY, JULY 31**

5:00 am – 6:00 am  **Scientific Poster Session** (Presenters will be available to answer questions.) *CME Activity*

5:45 am – 1:30 pm  **Meeting Registration**

6:00 am – 1:30 pm  **Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing**

6:00 am – 1:30 pm  **Scientific Sessions and Symposia** *CME Activity*

6:05 am – 6:20 am  **First Business Meeting**

9:00 am – 10:30 am  **Spouse & Children’s Hospitality**

Spend time with a Hawaiian Cultural Advisor and learn interesting facts about Hawaiian culture and traditions while you enjoy a tropical breakfast in a lovely setting. Afterwards, learn Hula in the Gardens!

*Price: Included in Registration Fee / $40 Unregistered Adult / $20 Unregistered Child*

11:20 am – 12:20 pm  **Industry Sponsored Workshop Luncheon**

1:30 pm – 3:00 pm  **Scientific Poster Session** (Presenters will be available to answer questions.) *CME Activity*

2:00 pm – 4:00 pm  **Shoreline Holoholo (fishing)**

For guests of all ages. If you like fishing, you will enjoy this leisurely holoholo activity. In Hawai’i, you never ask if someone is going fishing. The fish may hear you and you will most likely return home empty handed. Instead, we always say “holoholo,” which means, “I’m just going out – here and there.” Go holoholo with our Beach Boys to their favorite spot on the shoreline. Bamboo poles, line, tackle, bait, and bottled water provided for all attendees.

*Price: $30 per person (minimum 5 people)*

*Events, dates and times subject to change. Check the Final Program for complete information.*
**Schedule of Events**

Check the Final Program for complete information.

**3:00 pm – 4:00 pm**  
**Petroglyph Hike**  
Exclusive WOA afternoon hike to the Puako Petroglyphs, just a short walk from the hotel for our Na Mea Waiwai O Milokukahi (Treasures of Milokukahi).  
*Price: $10 per person (minimum 15 people)*

**4:00 pm – 5:00 pm**  
**Tide Pool Education**  
Exclusive WOA afternoon to the Kalahuipua’a Fishponds. Discover the ocean’s natural sanctuary to find an abundance of sea life. Water shoes, hat and sunscreen recommended.  
*Price: $10 per person (minimum 15 people)*

**3:00 pm – 5:00 pm**  
**Multimedia Education Session *CME Activity***

**5:45 pm – 6:30 pm**  
**New Member Reception**  
All WOA new members are invited to attend.  
*Price: Included in Registration Fee*

**6:30 pm – 9:30 pm**  
**Welcome Reception**  
Have a wonderful evening overlooking the ocean and enjoying the Hawaiian breezes. You’ll savor delicious food delicacies and open bar while chatting with friends and colleagues. Take pleasure in the Hawaiian entertainment and soak in the “Big Island” experience.  
*Attire: Resort Casual (no coat required)*  
*Price: Included in Registration Fee / $100 Unregistered Guest / $50 Unregistered Child*

**FRIDAY, AUGUST 1**

**5:00 am – 6:00 am**  
**Scientific Poster Session (Presenters will be available to answer questions.) *CME Activity***

**6:00 am – 7:00 am**  
**Regional and AAOS President’s Breakfast Meeting with State Presidents and Board of Councilors***

**6:00 am – 1:30 pm**  
**Meeting Registration**  
**Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing**  
**Scientific Sessions and Symposia *CME Activity***

**10:00 am – 1:00 pm**  
**Culinary Demo**  
The Fairmont Orchid Chef leads the class through the Hawaiian islands culinary history, modern agriculture & cuisine, and in the preparation of three contemporary Hawaiian dishes. The Chef will discuss and guide the class through tips and techniques, allowing participants to take away information, recipes, and insight to reproduce the menu, as well as offer ideas on how to adapt the dishes, at home. Menu: Kakui Nut Seared Ahi, Tuna Ano’ Ano Tomato, Green Papaya & Ginger, Hawaiian Chili & Soy Dipping Sauce, Pan Seared Kaffir Lime Dusted Mahi Mahi & Island Prawn, Taro Hash, Organic White Turnip & Island Spinach, Mango Butter Sauce, Kona Coffee & Macadamia Nut Beach Cake, Mascarpone, Sponge Cake & Island Raw Sugar, and Island Rum Sauce.  
*Price: $200 per person (minimum 25 people)*

**11:30 am – 12:30 pm**  
**Industry Sponsored Workshop Luncheon***

**1:00 pm – 5:30 pm**  
**Golf Tournament**  
The Mauna Lani Resort South Course snakes through the stark, rugged a’a lava of the prehistoric Kaniku lava flow and offers a panorama of mountain and ocean views. The South Course is also home to No. 15, one of the most photographed over-the-water golf course holes in the world. The tournament will be a shotgun start with a scramble format. Transportation, greens fees, lunch, beverage cart and prizes included.  
*Price: $185 per person*

**1:30 pm – 3:00 pm**  
**Scientific Poster Session (Presenters will be available to answer questions.) *CME Activity***
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Venue</th>
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<tbody>
<tr>
<td>2:00 pm – 4:00 pm</td>
<td><strong>Tennis Round Robin</strong>&lt;br&gt;Price: $35 per person</td>
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<tr>
<td>3:00 pm – 5:00 pm</td>
<td><strong>Multimedia Education Session</strong>&lt;br&gt;*CME Activity</td>
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<tr>
<td>5:30 pm – 7:30 pm</td>
<td><strong>Exhibitor and Poster Reception</strong>&lt;br&gt;This is an opportunity to visit with the Exhibitors and view the Scientific Posters. Enjoy your favorite beverage!&lt;br&gt;Price: Included in Registration Fee / $75 Unregistered Guest</td>
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<tr>
<td>5:30 pm – 7:30 pm</td>
<td><strong>Kids’ Movie Night with Arts &amp; Crafts and Dinner</strong>&lt;br&gt;Dinner and a movie—fun!!! Watch a great movie and nibble on snacks and treats with your friends! If younger than 5 years old, must be accompanied by an adult.&lt;br&gt;Price: Included in Registration Fee / $25 Unregistered Child (5-17)</td>
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**Saturday, August 2**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Venue</th>
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<tbody>
<tr>
<td>5:00 am – 6:00 am</td>
<td><strong>Scientific Poster Session</strong>&lt;br&gt;(Presenters will be available to answer questions.)&lt;br&gt;*CME Activity</td>
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<tr>
<td>6:00 am – 6:55 am</td>
<td><strong>WOA Board Meeting w/Breakfast</strong></td>
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<tr>
<td>6:00 am – 1:00 pm</td>
<td><strong>Meeting Registration</strong></td>
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<tr>
<td>6:00 am – 1:00 pm</td>
<td>**Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing</td>
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<tr>
<td>6:00 am – 1:00 pm</td>
<td><strong>Scientific Sessions and Symposia</strong>&lt;br&gt;*CME Activity</td>
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<tr>
<td>6:50 am – 7:05 am</td>
<td><strong>Second Business Meeting</strong></td>
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<tr>
<td>12:30 pm – 5:30 pm</td>
<td><strong>Waterfall Tour</strong>&lt;br&gt;For an all-around Hawaiian adventure, come experience the heart of the Kohala countryside.&lt;br&gt;North Kohala is a land of old sugar plantations, Hawaiian legends and natural beauty. The excursion begins with a scenic drive through the Kohala countryside, including a four-wheel drive adventure to the trailhead. The loop trail offers two streams with seven waterfalls and three bridges, plus ancient Hawaiian terraces and flumes along the famous Kohala Ditch. With easy walking, countryside views, and a chance for a quick dip in a mountain stream with cascading falls overhead, this adventure is an ideal family day. Must bring a towel and wear closed toed shoes. Involves a 1 mile walk.&lt;br&gt;Price: $185 per person - Lunch included (minimum 12 people)</td>
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<tr>
<td>1:00 pm – 2:00 pm</td>
<td><strong>Scientific Poster Session</strong>&lt;br&gt;(Presenters will be available to answer questions.)&lt;br&gt;*CME Activity</td>
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<tr>
<td>2:00 pm – 4:00 pm</td>
<td><strong>Multimedia Education Session</strong>&lt;br&gt;*CME Activity</td>
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<tr>
<td>6:00 pm – 9:30 pm</td>
<td><strong>Family Luau – “Gathering of the Kings”</strong>&lt;br&gt;Just another Luau? Think again! A Polynesian blend of traditional and modern choreography, music and performance built around a feast fit for the ali’i (royalty). Island Breeze Productions and The Fairmont Orchid, Hawaii partner to bring the story of the settlement of Samoa, Tahiti, Aotearoa (New Zealand) and Hawaii to you with “islands” of food representing these islands before the performance. Beginning in a time when the vast, open ocean was yet unchartered, discover how brave people whose descendants would be called Polynesians, carved a path through this ocean thoroughfare to settle on one of the most colorful and lively group of islands in the world. Displayed in its fullness is the mana (power) of the ali’i (chiefs) that would be linked to the one star that guided them, the star of gladness, we call Hokule’a. The “Gathering of the Kings” calls to all mankind, to follow and fulfill their destiny, to bring peace and unity to all.&lt;br&gt;Price: Included in registration fee / $150 Unregistered Guest / $50 Unregistered Child (5-17)</td>
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WOA 78th Annual Meeting Registration
July 30 - August 2, 2014  The Fairmont Orchid  Big Island of Hawaii

MAIL: Western Orthopaedic Association, 110 West Rd, Suite 227, Towson, MD 21204

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Sub-Specialty</th>
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<tr>
<th>Company/Institution</th>
<th>Department</th>
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<tr>
<th>Address</th>
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<th>ZIP</th>
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<th>Office Phone</th>
<th>Email Address</th>
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**REGISTRANT CATEGORY**

<table>
<thead>
<tr>
<th>REGISTRANT CATEGORY</th>
<th>EARLY BIRD FEE (THRU 4/30/14)</th>
<th>REGULAR FEE</th>
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<tbody>
<tr>
<td>New 2014 WOA Member</td>
<td>No Charge</td>
<td>No Charge</td>
</tr>
<tr>
<td>WOA Member Physician</td>
<td>$595</td>
<td>$695</td>
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<tr>
<td>Non Member Physician</td>
<td>$895</td>
<td>$995</td>
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<tr>
<td>Senior Active Member</td>
<td>$350</td>
<td>$400</td>
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<tr>
<td>Active Military</td>
<td>$150</td>
<td>$200</td>
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<td>PA PAOS Member</td>
<td>$200</td>
<td>$200</td>
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<tr>
<td>Allied Health Professional</td>
<td>$300</td>
<td>$350</td>
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<tr>
<td>Resident Award Winner</td>
<td>No Charge</td>
<td>No Charge</td>
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<tr>
<td>Resident/Fellow</td>
<td>$100</td>
<td>$150</td>
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<tr>
<td>Spouse/Guest (18+)</td>
<td>$200</td>
<td>$225</td>
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<tr>
<td>Child(ren) 5-17 years</td>
<td>$35</td>
<td>$35</td>
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<tr>
<td>Child(ren) under 5 years</td>
<td>No Charge</td>
<td>No Charge</td>
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**TOURS/ACTIVITIES**

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<tr>
<th>#</th>
<th>TOURS/ACTIVITIES</th>
<th>Fee</th>
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<tbody>
<tr>
<td></td>
<td>SAE Exam - WOA Member (Free)</td>
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<td></td>
<td>SAE Exam - Non Member (Free)</td>
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<td>Mauna Kea Summit - Tues 7/29 ($190)</td>
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<td>Shoreline Holoholo - Thurs 7/31 ($30)</td>
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<td>Petroglyph Hike - Thurs 7/31 ($10)</td>
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<td>Tidepool Education - Thurs 7/31 ($10)</td>
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<td>Culinary Demo - Fri 8/1 ($200)</td>
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<td></td>
<td>Golf Tournament - Fri 8/1 ($185)</td>
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<td></td>
<td>Tennis Round Robin - Fri 8/1 ($35)</td>
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<td></td>
<td>Waterfall Tour - Sat 8/2 ($185)</td>
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**UNREGISTERED GUEST EVENTS**

<table>
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<tr>
<th>#</th>
<th>UNREGISTERED GUEST EVENTS</th>
<th>Fee</th>
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<tr>
<td></td>
<td>Spouse/Child Hospitality - Adult ($40)</td>
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<td>Spouse/Child Hospitality - Child 5-17 ($20)</td>
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<td></td>
<td>Welcome Reception - Adult ($100)</td>
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<td></td>
<td>Welcome Reception - Child 5-17 ($50)</td>
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<td></td>
<td>Exhibitor Reception - ($75)</td>
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<td>Kids' Movie Night with Arts &amp; Crafts - ($25)</td>
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<td>Family Luau - Adult ($150)</td>
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<td>Family Luau - Child 5-17 ($50)</td>
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**Physician/Allied Health Registration Fee** $__________

**Guest Registration Fees** $__________

**Tours/Activities Fees** $__________

**Unregistered Guest Fees** $__________

**TOTAL** $__________

◊ Check Enclosed (payable to Western Orthopaedic Association)
◊ Charge my: ◊ Visa ◊ MasterCard ◊ American Express

CARD NUMBER ___________________ EXP. DATE ____________

NAME ON CARD ___________________ BILLING ZIP CODE ________

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Please provide the information below for each of your adult guests so we can put their name badges in your registration packet. Registered children (5-17) will receive a wristband.

<table>
<thead>
<tr>
<th>Guest Name</th>
<th>City</th>
<th>State</th>
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CANCELLATION POLICY: Full refund (less $35.00 administrative fee) will be granted if a cancellation is made prior to 10 business days before the meeting date; a 50% refund if canceled between 5 and 10 business days before the meeting date. No refund will be granted within 5 business days of the meeting, or anytime thereafter.

◊ SPECIAL NEEDS: If you have hearing, vision or mobility impairment and need appropriate accommodations in order to participate fully in this activity, please check here and notify us by July 1, 2014. You will be contacted by the WOA Management Company, DTMS, to discuss your needs.
See you on the Big Island