Endodontics: Exceeding Expectations

Honolulu
Hawai‘i Convention Center
April 17 – 20

Earn up to 22.5 CE Credit Hours
ALOHA!

We are very excited to introduce the program for the 2013 AAE Annual Session and invite you to join us this coming April in beautiful Honolulu for a meeting that will exceed your expectations.

The main goal of the Annual Session has always been to provide a forum for the discussion and exchange of knowledge, and this year is no different. What you learn will pay for your trip many times over when you return home. There are more than 100 high-quality educational sessions to choose from, including the Master Clinician Series (which will be located in the exhibit hall for the first time) and hands-on workshops, spread across nine different tracks.

What we have dubbed “Mega-Session Wednesday” will provide an introduction to the subject matter encompassed in each of these areas. The new tracks—Endo 2025, Imaging, Pain and Pharmacology, and Systemic Health—will cover topics at the forefront of our specialty, such as tissue engineering, pain management, outcome assessments, medical myths in dentistry and the use of cone beam-computed tomography in endodontic practices.

The social events and breaks are equally as important; these allow for time to connect with friends and colleagues in a casual setting. Take advantage of the new Attendee Lounge in the exhibit hall and plentiful seating in the member services booth that will be in the convention center lobby. Additionally, the exhibit hall will open a day earlier than usual so you can explore the booths you are interested in, take in the new Exhibit Hall Continental Breakfast there on Thursday, and leave Saturday free to focus on educational sessions and enjoying the amazing tropical setting.

A few final enhancements of note for this year: we have condensed the main meeting essentials into a smaller program book, and have enhanced the information available to you through the AAE website and the mobile app. Bookmark and regularly visit www.aae.org/annualsession, download the app, and start sharing your excitement for the meeting through Facebook and Twitter (#AAE13).

We look forward to seeing you there!

James C. Kulild, D.D.S., M.S.
President

W. Craig Noblett, D.D.S., M.S.
General Chair, Annual Session Planning Committee
Stay Connected

Download the Annual Session App!

Want a jump start on your Annual Session experience? Use this mobile app to start planning YOUR schedule in Honolulu.

Choose one of the following options to download the app to your iPhone, iPad, Android or Blackberry*:

1. Scan the QR code (below)
2. Visit your mobile device app store or market and search for the term “2013 AAE Annual Session”
3. Access http://crwd.cc/AAEAnnual13 with your smartphone or tablet’s browser

*Features will vary slightly between each device/platform
Tuesday, April 16

2 – 8 p.m.
Registration and Information
Main Lobby/HCC

5 – 6 p.m.
Leadership Reception
Honolulu Suite/HHV

Wednesday, April 17

6 – 7 a.m.
Fitness Activity—Tai Chi
Great Lawn/HHV

6 a.m. – 5 p.m.
Registration and Information
Main Lobby/HCC

AAE Oasis Open
Main Lobby/HCC

7 – 8:30 a.m.
President’s Breakfast
Kālakaua Ballroom/HCC

7 a.m. – 5 p.m.
Exhibits Open
Exhibit Hall/HCC

9 – 10:30 a.m.
Educational Sessions and Oral Research Presentations*
3rd Level/HCC

10:30 – 10:45 a.m.
Break

10:45 a.m. – 12:15 p.m.
Educational Sessions and Oral Research Presentations*
3rd Level/HCC

12:15 – 1:15 p.m.
Lunch Break—Concessions Open
Exhibit Hall/HCC

Lunch-n-Learn: Practice Marketing
Room 301/HCC

1:30 – 3 p.m.
Educational Sessions and Oral Research Presentations*
2nd Level/HCC

3 – 3:30 p.m.
Break

3:30 – 5 p.m.
Educational Sessions and Oral Research Presentations*
3rd Level/HCC

Wednesday, April 17 (continued)

5:30 – 6:30 p.m.
International Reception
Tapa Ballroom I/HHV

Professional Staff Reception
Rainbow Suite/HHV

6:30 – 8 p.m.
Welcome Reception
Great Lawn/HHV

Thursday, April 18

6 – 7 a.m.
Fitness Activity—Fun Run and Walk
Departs From Lobby/HHV

6 a.m. – 2 p.m.
Registration and Information
Main Lobby/HCC

AAE Oasis Open
Main Lobby/HCC

7 a.m.
Golf Outing
Departs From Tapa Tower Bus Depot/HHV

7 – 8:30 a.m.
Louis I. Grossman Breakfast
Coral Ballroom/HHV

7 – 10 a.m.
Exhibit Hall Continental Breakfast
Exhibit Hall/HCC

Poster Research Presentations and Table Clinics*
Exhibit Hall/HCC

7 a.m. – 2 p.m.
Exhibits Open
Exhibit Hall/HCC

8 – 9:30 a.m.
Oral Research Presentations*
3rd Level/HCC

8:30 – 9:15 a.m.
District Caucuses/HCC
District I – Room 312
District II – Room 313B
District III – Room 313C
District IV – Room 314
District V – Room 315
District VI – Room 316B
District VII – Room 316A
Thursday, April 18 (continued)

9:15 – 10 a.m.
Affiliate Leadership Meeting
Room 316C/HCC

10 – 11:30 a.m.
Educational Sessions and Oral Research Presentations*
3rd Level/HCC

11:30 – 11:45 a.m.
Break

11:45 a.m. – 1:15 p.m.
Educational Sessions and Oral Research Presentations*
3rd Level/HCC

1:30 – 3 p.m.
Resident Reception
Ala Wai Terrace, 3rd Level/HCC

Friday, April 19 (continued)

12:15 – 1 p.m.
Lunch Break—Concessions Open
Exhibit Hall/HCC

1 – 2:30 p.m.
Educational Sessions
3rd Level/HCC

2:30 – 3:30 p.m.
Exhibit Hall Happy Hour and Foundation Live Auction
Exhibit Hall/HCC

6:30 – 7:30 p.m.
AAE Foundation Leadership Donor Reception
Rainbow Suite/HHV

9 p.m. – midnight
Celebrate Honolulu!
Tapa Ballroom/HHV

Friday, April 19

6 – 7 a.m.
Fitness Activity—Zumba
Honolulu Suite/HHV

6 a.m. – 3:30 p.m.
Registration and Information
Main Lobby/HCC

AAE Oasis Open
Main Lobby/HCC

7 – 8:30 a.m.
General Assembly Breakfast
Kālakaua Ballroom/HCC

8:30 a.m. – 4 p.m.
Exhibits Open
Exhibit Hall/HCC

9 – 10:30 a.m.
Educational Sessions
3rd Level/HCC

10:30 – 10:45 a.m.
Break

10:45 a.m. – 12:15 p.m.
Educational Sessions
3rd Level/HCC

Saturday, April 20

7 – 8 a.m.
Fitness Activity—Tai Chi
Great Lawn/HHV

8:30 a.m. – 3 p.m.
Registration and Information
Main Lobby/HCC

AAE Oasis Open
Main Lobby/HCC

9 – 10:30 a.m.
Educational Sessions
3rd Level/HCC

10:30 – 10:45 a.m.
Break

10:45 a.m. – 12:15 p.m.
Educational Sessions
3rd Level/HCC

12:30 – 2 p.m.
Edgar D. Coolidge Luncheon
Kālakaua Ballroom/HCC

Shaded items indicate that a ticket or invitation is required.

*Oral and Poster Research Presentations and Table Clinics schedule will be noted in the On-Site Meeting Guide and mobile app.

Location Key: HCC = Hawaii Convention Center, HHV = Hilton Hawaiian Village
### Educational Tracks

#### Art and Science of Endodontics (AS)

**Track Organizer:** Scott B. McClanahan, D.D.S., M.S.

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<td>The Latest in NiTi Instrument Design and Preparation Workshop</td>
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<td>AS-3</td>
<td>Retreatment Workshop</td>
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<td>AS-4</td>
<td>Irrigation</td>
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<tr>
<td>AS-5</td>
<td>Instrument Retrieval Workshop</td>
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<td>AS-6</td>
<td>Regenerative Endodontics: What Are We Regenerating?</td>
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<tr>
<td>AS-7</td>
<td>Simplify Routine Cases and Manage Extremely Difficult Cases</td>
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<td>AS-8</td>
<td>Sense, Sensibility, Sensitivity and Vitality of Diagnostic Testing</td>
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<td>AS-9</td>
<td>Current Status of Regenerative Endodontics</td>
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<td>AS-10</td>
<td>Internal and Cervical Resorption</td>
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<td>AS-11</td>
<td>Endodontic Irrigants</td>
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<td>AS-12</td>
<td>Geriatric Endodontics</td>
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<td>AS-13</td>
<td>Molar Root Canal Anatomy Reflected by Modern Research Methodologies</td>
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<td>AS-14</td>
<td>Advances in Rotary Systems</td>
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<td>AS-15</td>
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<td>AS-16</td>
<td>Regeneration Workshop</td>
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<td>AS-17</td>
<td>Endodontic Microbiology</td>
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<td>AS-18</td>
<td>Implant Outcomes</td>
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<tr>
<td>AS-19</td>
<td>Quality of Life of Patients After Endodontic Therapy</td>
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<tr>
<td>AS-20</td>
<td>Root Canal Disinfection and Systemic Antibiotics</td>
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<tr>
<td>AS-21</td>
<td>What’s Left When the Endo is Done: Critically Thinking Structural Issues in Rehabilitation</td>
</tr>
<tr>
<td>AS-22</td>
<td>Trauma Update</td>
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<tr>
<td>AS-23</td>
<td>Radiolucent and Radiopaque Lesions of the Jaw</td>
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<tr>
<td>AS-24</td>
<td>Irrigation: The Final Frontier</td>
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<tr>
<td>AS-25</td>
<td>Managing Medically Compromised Patients in the Endodontic Office</td>
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<tr>
<td>AS-26</td>
<td>Restoration of the Endodontically Treated Tooth</td>
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#### Imaging (I)

**Track Organizer:** Christine M. Sedgley, B.D.S., M.D.S., M.D.Sc., Ph.D.

| E-1 | What Will Education Look Like: Forecasting the Future |
| E-2 | How Will We Practice Evidence-Based Endodontics and Assess Outcomes? |
| E-3 | Future Perspectives on Endodontic Infections |

#### Imaging (I) - Sponsored by Carestream Dental

**Track Organizer:** Nestor Cohena, D.D.S.

| E-1 | Tissue Engineering |
| E-2 | How Will We Biomechanically Prepare Root Canals? |
| E-3 | Nanotechnology in Endodontic Disinfection and Dentin Tissue Management |
| E-4 | Mechanisms and Evidence-Based Management of Persistent Pain After Endodontic Therapy: Current Developments and Future Trends |
| E-5 | Tissue Engineering and Deep Caries |

#### Master Clinician Series (MC)

**Track Organizer:** Cindy R. Rauschenberger, D.D.S., M.S.

| MC-1 | Differential Diagnosis of Pain |
| MC-2 | Clinical Application of High-Resolution CBCT in Endodontics—Time to Change Strategy! |
| MC-3 | Maximizing the Value of Your Endodontic Service: Foundation Placement and Tissue Management |
| MC-4 | Functional Crown-Lengthening Surgery |

#### Pain and Pharmacology (P)

**Track Organizer:** Thomas J. Beeson, D.D.S.

| P-1 | Mechanisms and Management of Endodontic Pain: From Basic Science to Clinical Practice |
| P-2 | Successful Endodontic Anesthesia: Current Thoughts and Procedures |
| P-3 | Neurobiology of the Dental Pulp |
| P-4 | Pain Control in the Hot Mandibular Molar—The Endodontist’s Dilemma |
| P-5 | Pain: The Patient’s Perspective—Diagnosis or Misdiagnosis? |

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Register now at [www.aae.org/annualsession](http://www.aae.org/annualsession)
Professional Development (PD)

Track Organizer: George T. Goodis, D.D.S.

PD-1: Smart Strategies for Promoting the Endodontic Practice
PD-2: Surgery in the Contemporary Endodontic Practice—Why Bother?
PD-3: Developing a Simple and Predictable Game Plan for Financial Freedom
PD-4: Infection Control: That Thing You Do and Why Do You Do It
PD-5: Disaster Preparedness: A Guide to Disaster Prevention and Recovery
PD-6: Service Excellence—Understanding the Changing Expectations of Your Customers
PD-7: Medical Emergencies—Ten Minutes to Save a Life
PD-8: Social Media, Reputational Marketing and Search Engine Optimization
PD-9: Technology in the 21st Century Endodontic Office
PD-10: Study Clubs Can Build Relationships and Grow Your Practice

Professional Staff (PS)

Track Organizer: Lynda L. Davenport, RDA

PS-1: Picture Perfect—X-Ray Imaging Made Simple
PS-2: To Be or Not to Be: Family Members in Practice
PS-3: Bridging the Clinical and Administrative Worlds
PS-4: Teamwork and Team Harmony
PS-5: What to Say When
PS-6: Social Media Tactics That Work for Endo Offices
PS-7: Endo Staff Think Tank
PS-8: Cracking the Code for Endodontics

Submitted Presentations (SP)

Track Organizer: David E. Witherspoon, B.D.S., M.S.

SP-1: Patient Specific-Induced Pluripotent Stem Cells Derived From Peripheral Blood: Potential Opportunities for Endodontic Regeneration and Dental Research
SP-2: ABE Boardwalk
SP-3: Creative Practice Transitions
SP-4: Pulp Regeneration: Use of Growth Factors for Clinical Translation
SP-5: Practical Realities of Cognitive Dissonance in Endodontic Practice
SP-6: Potential Antibiofilm Strategies to Eliminate Root Canal Infections

Educational Tracks

SP-7: Completing the Journey: A Personal Guide to the ABE Exam Process by a Recent Diplomate
SP-8: Your JOE: Reviewing, Submitting and Accessing Online
SP-9: Scientific and Clinical Basis for Minimally Invasive Endodontic Procedures
SP-10: Myths and Reality: Understanding the Time Course of Local Anesthesia
SP-11: New Scope of Options for Root Canal Obturation
SP-12: Educator Forum: Clinical Teaching in the Undergraduate Clinic
SP-13: Outcome of Endodontic Treatment: How Well Are We Doing?
SP-14: Can We Predict Flare-Ups?
SP-15: Vertical Root Fractures: Challenges and Newer Diagnostic Aids
SP-16: Educator Forum: How Do Our Students Learn?
SP-17: An Endodontic Perspective Regarding the Effect of Orthodontic Treatment on Pulpal Vitality
SP-18: What’s Going on Beyond the Apex? Understanding the Molecular Aspects of Inflammation-Induced Apical Tissue Destruction
SP-19: Resident and New Practitioner Career Fair
SP-20: Endodontic Practice Valuation and More
SP-21: Effect of Photon-Initiated Photoacoustic Streaming on Root Canal Cleanliness
SP-22: ABE Case History Portfolio Construction: Developing a Passing Portfolio

Systemic Health (SH)

Track Organizer: Anibal R. Diogenes, D.D.S., M.S., Ph.D.

SH-1: Could Endodontic Diseases Contribute to Systemic Disease?
SH-2: Emerging Infectious Diseases
SH-3: Endodontic and Cardiovascular Disease Relationships
SH-4: Diabetes and Implant Therapy Outcomes
SH-5: Effect of Congenital Diseases and Syndromes on Pulp Biology and Endodontic Disease
SH-6: Medical Myths in Dentistry
SH-7: Immunology of Pulpal and Periradicular Disease
SH-8: Update on Bisphosphonates and Osteonecrosis of the Jaw
## WORKSHOPS

Space is limited, register today!

### Wednesday

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>9 a.m. – 12:15 p.m.</td>
<td><strong>MC-1:</strong> Differential Diagnosis of Pain (p. 9)</td>
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<tr>
<td></td>
<td>Leesa Morrow, Donald R. Nixdorf</td>
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<tr>
<td>1:30 – 3 p.m.</td>
<td><strong>MC-2:</strong> Clinical Application of High-Resolution CBCT in Endodontics—Time to Change Strategy! (p. 10)</td>
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<td>Nestor Cohenca</td>
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### Thursday

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>10 a.m. – 1:15 p.m.</td>
<td><strong>MC-3:</strong> Maximizing the Value of Your Endodontic Service: Foundation Placement and Tissue Management (p. 12)</td>
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<td>Richard A. Williamson</td>
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### Friday

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<th>Time</th>
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<tr>
<td>9 a.m. – 12:15 p.m.</td>
<td><strong>MC-4:</strong> Functional Crown-Lengthening Surgery (p. 16)</td>
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<td>Eric A. Rindler</td>
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### Workshops (continued)

### Wednesday

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<tr>
<td>1:30 – 5 p.m.</td>
<td><strong>AS-2:</strong> The Latest in NiTi Instrument Design and Preparation (p. 10)</td>
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<td>Steven D. Baerg, Christopher Glass, Andris Jaunberzins and Chris J. Lampert</td>
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<td>Fee: $395 early/$445 standard</td>
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### Thursday

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<tr>
<td>7 a.m. – 1:15 p.m.</td>
<td><strong>AS-3:</strong> Retreatment (p. 11)</td>
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<tr>
<td></td>
<td>Frederic Barnett, Joseph S. Dovgan and Terrell F. Pannkuk</td>
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<td>$795 early/$845 standard</td>
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### Friday

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<tbody>
<tr>
<td>9 a.m. – 12:15 p.m.</td>
<td><strong>AS-15:</strong> Modern Endodontic Access Design (p. 15)</td>
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<td></td>
<td>Eric J. Herbranson</td>
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<td>Fee: $395 early/$445 standard</td>
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<tr>
<td>9 a.m. – 12:15 p.m.</td>
<td><strong>AS-16:</strong> Regeneration (p. 15)</td>
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<td>Carmen Bonilla, Richard Gelman and Peter E. Murray</td>
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<tr>
<td></td>
<td>Fee: $395 early/$445 standard</td>
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</table>

Master Clinician Series and workshops are made possible through product support from several companies. A complete list will be available on site.
Listed below are the learning objectives participants should be able to achieve for each of the educational sessions to be presented at this year’s meeting. Complete session synopses and speaker disclosure statements can be found at www.aae.org/annualsession.

The AAE is an ADA CERP–Recognized Provider.

WEDNESDAY

9 – 10:30 a.m.

PS-1: Picture Perfect—X-Ray Imaging Made Simple
Room 314
Dale Miles, D.D.S., M.S.
Moderator: Debra L. Welters, LDA
• Explain why precise receptor placement is necessary to capture all anatomy.
• Summarize how to expertly place any intraoral receptor.
• Discuss x-ray dose reduction and see devices to minimize x-radiation.

PS-2: To Be or Not to Be: Family Members in Practice
Room 317
Cindy Ishimoto
Moderator: Sue Angulo
• Define their role/job description and tasks within the practice.
• Define their responsibilities in the practice.
• Describe leadership strategies they will be using as a team member within the practice.

9 a.m. – 12:15 p.m.

AS-1: Endodontic Surgery
Room 311
Syngcuk Kim, D.D.S., Ph.D.
Samuel I. Kratchman, D.M.D.
Moderator: Scott B. McClanahan, D.D.S., MS
• Properly plan surgical versus nonsurgical retreatments.
• Perform microsurgery in any quadrant in the mouth.
• Describe when it is necessary to use bone grafts or membrane materials, and the current types available.

I-1: Clinical Application of CBCT in Endodontics—What’s the Current Evidence?
Room 316AB
Shanon Patel, B.D.S., M.Sc., Ph.D.
Moderator: Christine I. Peters, D.D.S.
• Describe the limitations of conventional radiographs in assessing endodontic problems.
• Identify how CBCT can be used to diagnose and manage endodontic problems.
• Describe the disadvantages and contraindications of the use of CBCT in endodontics.

MC-1: Differential Diagnosis of Pain
Exhibit Hall
Leesa Morrow, Ph.D., J.D.
Donald R. Nixdorf, D.D.S., M.S.
Moderator: Alan S. Law, D.D.S., Ph.D.
• List the differential diagnosis for “tooth pain,” both those of odontogenic etiology and those of nonodontogenic etiology.
• Identify the key components of an orofacial pain history that will support the development of a differential diagnosis.
• Identify the key components of an orofacial pain physical examination and diagnostic testing that will refine a differential diagnosis.

SH-1: Could Endodontic Diseases Contribute to Systemic Disease?
Room 313AB
Ashraf F. Fouad, B.D.S., D.D.S., M.S.
Moderator: Nikita B. Ruparel, D.D.S., M.S., Ph.D.
• Discuss the biological principles for the contributions of oral infections to systemic disease.
• Discuss the available evidence that link endodontic infections with acute and chronic systemic disease.
• Identify potential directions for future research in this area.

10:45 a.m. – 12:15 p.m.

PS-3: Bridging the Clinical and Administrative Worlds
Room 317
Lois J. Banta
Moderator: Maria Mumpower
• Evaluate the expectations of the team.
• Identify communication skills to minimize gaps in information exchanges.
• Describe how to improve the flow of information between “administrative” and “clinical” staff.

Will not be recorded for Live Learning Center
WEDNESDAY

Educational Sessions

1:30 – 3 p.m.
PS-4: Teamwork and Team Harmony
Room 317
Cindy Ishimoto
Moderator: Arash Soluti
- Discuss how to use enhanced effectiveness skills to accomplish tasks by improving relationships with others.
- Discuss how to use effective communication techniques that will reduce team conflicts and will increase productivity, profitability and success.
- Cultivate “take charge” skills that turn conflict into cooperation.

1:30 – 5 p.m.
AS-2: The Latest in NiTi Instrument Design and Preparation Workshop
Room 323AB
Steven D. Baerg, D.M.D.
Christopher Glass, D.M.D.
Andris Jaunberzins, D.D.S., M.S.
Chris J. Lampert, D.M.D.
Moderator: Kimberly A.D. Lindquist, D.D.S., M.S.D.
Fee: $395 early/$445 standard
- List the newest designed systems and the advantages they have over the previous generations of instruments.
- Describe the current advances in NiTi metallurgy and the characteristic of the new metals.
- Use various systems on blocks and extracted teeth.

E-1: Tissue Engineering
Room 316AB
Jeremy J. Mao, D.D.S., Ph.D.
Stephane Simon, D.D.S., Ph.D.
Moderator: Todd M. Geisler, D.D.S.
- Describe important steps of pulp healing and regeneration processes.
- Describe the role of biological molecules in the healing process.
- Select clinical cases for root canal treatment, pulp vitality maintenance or in situ tissue regeneration.

MC-2: Clinical Application of High-Resolution CBCT in Endodontics—Time to Change Strategy!
Exhibit Hall
Nestor Cohenca, D.D.S.
Moderator: James D. Johnson, D.D.S., MS
- Review the potential benefit of CBCT technology for diagnosis and treatment planning.
- Discuss the acquisition, reading and clinical application of CBCT scans.
- Discuss the impact of CBCT on treatment outcome and improved predictability.

3:30 – 5 p.m.
P-1: Mechanisms and Management of Endodontic Pain: From Basic Science to Clinical Practice
Room 313AB
Anibal R. Diogenes, D.D.S., M.S., Ph.D.
Moderator: Timothy C. Kirkpatrick, D.D.S.
- Describe the nociceptive pathways involved in endodontic pain.
- Describe how inflammation and/or nerve injury leads to dynamic changes in the nociceptive pathways, and how these changes lead to clinical challenges.
- Implement the latest information on anesthetic and analgesics to manage acute endodontic pain.

SH-2: Emerging Infectious Diseases
Room 311
John A. Molinari, Ph.D.
Moderator: Julie A. Berkhoff, D.D.S.
- Describe major global and epidemiological factors that can lead to the emergence and re-emergence of infectious diseases.
- Describe the challenges that representative blood-borne, airborne and contact-mediated infections present to health care workers and the population.
- Identify emerging challenges and prevention issues inherent in the increasing incidence of infections caused by antibiotic-resistant microorganisms.

PS-5: What to Say When
Room 317
Lois J. Banta
Ronald I. Deblinger, D.M.D.
Cindy Ishimoto
Moderator: Jane Peck, M.B.A.
- Describe to clinical and administrative staff how to handle delicate questions from patients.
- Demonstrate the power of communication in a practice when handled in a professional way.
- Strengthen relationships with coworkers, patients and referring doctors with consistent answers.

Register now at www.aae.org/annualsession
THURSDAY

7 a.m. – 1:15 p.m.

AS-3: Retreatment Workshop
Room 323C
Frederic Barnett, D.M.D.
Joseph S. Dovgan, D.D.S., M.S.
Terrell F. Pannkuk, D.D.S., M.S.D.
Moderator: Brian D. Jafine, D.D.S.
Fee: $795 early/$845 standard
- Describe case selection and treatment planning for endodontic retreatment.
- Explain current armamentarium and techniques for retreating gutta-percha, silver cones, carrier systems and separated instruments.
- Describe the indications and contraindications for endodontic retreatment.
Sponsored by Carestream Dental

10 – 11:30 a.m.

AS-4: Irrigation
Room 313C
Bettina R. Basrani, D.D.S., M.S.D., Ph.D.
Moderator: Sara A. Barsness, D.D.S., M.S.
- Describe the microorganisms in endodontic infections.
- Describe different systems available for enhanced irrigation.
- Describe possible incidents that may occur during root canal irrigation with different solutions.

E-2: How Will We Biomechanically Prepare Root Canals?
Room 311
Ove A. Peters, D.M.D., M.S., Ph.D.
Moderator: Christine M. Sedgley, M.D.S., M.D.Sc., Ph.D.
- List the requirements for clinically successful canal preparation.
- Describe potentially adverse effects of contemporary preparation technique.
- Detail potential avenues for future developments, including technological breakthroughs required for each.

I-2: CBCT in Endodontic Practice: Benefits, Risks and Professional Obligations
Room 316A
John B. Ludlow, D.D.S., M.S.
Moderator: Martin D. Levin, D.M.D.
- Describe the patient risks from ionizing radiation that result from dental and maxillofacial examinations and discuss appropriate ways of talking about unavoidable risks with our patients.
- Describe CBCT radiographic options that influence dose.

THURSDAY

PD-1: Smart Strategies for Promoting the Endodontic Practice
Room 314
Tina-Marie A. Adams, Ketchum PR Vice President
Moderator: James F. Wolcott, D.D.S.
- Identify key marketing points to communicate to general dentists.
- Describe how to enhance current practice marketing or develop a new marketing plan using the AAE’s Professional Outreach Toolkit.
- Describe best practices and strategies for outreach to dentists.
Brought to you by the AAE Awareness Campaign

PD-2: Surgery in the Contemporary Endodontic Practice—Why Bother?
Room 315
Kirk A. Coury, D.D.S., M.S.
Moderator: Emily W. Tyler, D.M.D.
- Describe why surgery is an important component of endodontics and to the future of our specialty.
- Summarize contemporary endodontic care through effective marketing and relationship-building strategies.
- List resources available to obtain and develop surgical skills.

PS-6: Social Media Tactics That Work for Endo Offices
Room 301
Michael S. Austin, M.B.A.
Moderator: Cheryl Fraga
- Discuss strategies and concepts, and learn how to determine which options work best for endodontic offices.
- Identify examples of which social media is currently working in endodontic offices.
- Implement one or two social media strategies that work for endodontic offices.

SP-1: Patient Specific-Induced Pluripotent Stem Cells Derived From Peripheral Blood: Potential Opportunities for Endodontic Regeneration and Dental Research
Room 313B
I-Ping Chen, D.D.S., Ph.D.
Moderator: Rebeca Weisleder Urow, D.D.S.
- Define induced pluripotent stem cells.
- Recognize the current use of human iPSCs in medicine.
- Discuss the potential applications of human iPSCs in endodontics/dentistry.

Will not be recorded for Live Learning Center
10 – 11:30 a.m. (continued)

**SP-2: ABE Boardwalk**
*Room 316B*

Alan S. Law, D.D.S., Ph.D., ABE President

*Moderator: Patrick E. Taylor, D.D.S.*

• Describe the different levels of candidate status for Board certification.
• Describe the sequence and timelines for examinations required for endodontic Board certification.
• List the requirements for recertification.

*Planned by the American Board of Endodontics*

**SP-3: Creative Practice Transitions**
*Room 316C*

Joel C. Small, D.D.S., M.B.A.

• Describe the process and steps involved in selling a clinical endodontic practice.
• Describe how an incremental deferred practice sale can net an endodontist multiples of their practice’s market value.
• Explain why practice mergers can produce a 15 to 20 percent rate of return without requiring the endodontist to use their own money or treat additional patients.

**SP-4: Pulp Regeneration: Use of Growth Factors for Clinical Translation**
*Room 317*

Sahng Gyoong Kim, D.D.S., M.S.

*Moderator: Kimberly A. McLachlan, D.M.D, M.S.Ed., M.B.A.*

• Describe the roles and interactions of growth factors in dental pulp regeneration.
• Discuss the importance of the release pattern of growth factors in regenerative endodontics.
• Discuss the potential use of growth factors in clinical pulp revascularization.

**SP-5: Practical Realities of Cognitive Dissonance in Endodontic Practice**
*Room 320*

James F. Gutmann, D.D.S.

Karl F. Woodmansey, D.D.S.

*Moderator: Carol Diener Weber, D.D.S., M.S.*

• Define cognitive dissonance and describe how it has become a part of endodontic decision-making in daily practice.
• Characterize how cognitive dissonance enters into a given set of diagnostic, treatment planning and treatment scenarios, particularly as to how evidence-based dentistry may or may not support this challenging concept.
• Identify key technological changes and highlight how they might impact clinical thinking and the emergence of cognitive dissonance in daily practice.

10 a.m. – 1:15 p.m.

**AS-5: Instrument Retrieval Workshop**
*Room 323AB*

Yoshitsugu Terauchi, D.D.S., Ph.D.

*Moderator: Samuel O. Dorn, D.D.S.*

Fee: $395 early/$445 standard

• Describe what and how accidents could occur during instrument removal attempts.
• Describe how to safely make preparations for instrument removal.
• Remove separated instruments from canals with the new system and concepts.

**MC-3: Maximizing the Value of Your Endodontic Service: Foundation Placement and Tissue Management**
*Exhibit Hall*

Richard A. Williamson, D.D.S., M.S.

*Moderator: Richard D. Jordan, D.D.S., M.S.*

• List criteria for restorability determination and material selection.
• Describe preparation design features.
• List several management strategies for deep subgingival restorative margins.

**PD-3: Developing a Simple and Predictable Game Plan for Financial Freedom**
*Room 312*

Albert C. Goerig, D.D.S., M.S.

*Moderator: Kimberly A.D. Lindquist, D.D.S., M.S.D.*

• Describe how to make over 100 percent return on your money, guaranteed, without risk or tax consequence.
• Explain how to help your team to become debt-free in five to seven years.
• Discuss a simple but safe way to invest in the stock market.

**PD-4: Infection Control: That Thing You Do and Why Do You Do It**
*Room 313A*

John A. Molinari, Ph.D.

*Moderator: George T. Goodis, D.D.S.*

• Use the most current infection control recommendations for dentistry as reinforcement for clinicians of an effective, practical infection control program.
• Identify the routine application of various infection control practices and protocols based on accumulated science- and clinical-based evidence and regulatory requirements.
• Identify the variety of acceptable product choices for accomplishing infection control goals in a dental facility.
**AS-6: Regenerative Endodontics: What Are We Regenerating?**

**Room 311**

Mahmoud Torabinejad, D.M.D., M.S.D., Ph.D.

*Moderator: Mark A. Schachman, D.M.D.*

- Identify the definition, history and indications for regenerative endodontics.
- Compare similarities and differences between regenerative endodontics and pulp revascularization.
- Discuss important elements in regenerative endodontics and its challenges.

**AS-7: Simplify Routine Cases and Manage Extremely Difficult Cases**

**Room 313C**

Filippo Santarcangelo, D.D.S.

*Moderator: Susan E. Hinman, D.D.S., M.S.*

- Describe the role and identify the limitations of the shaping procedure.
- Distinguish the traditional technique of irrigation from the latest, most advanced techniques of irrigation.
- Discuss the advantages and disadvantages of new debridement techniques.

**AS-8: Sense, Sensibility, Sensitivity and Vitality of Diagnostic Testing**

**Room 316A**

Paul V. Abbott, B.D.Sc., M.D.S.

*Moderator: Scott B. McClanahan, D.D.S., M.S.*

- Describe the various stages of the diagnostic process and their importance.
- Describe the various pulp sensibility and vitality tests, as well as the differences between them.
- Describe which pulp sensibility test is the most appropriate for each of the various situations when pulp, root canal and periapical conditions present for diagnosis.

**E-3: Nanotechnology in Endodontic Disinfection and Dentin Tissue Management**

**Room 317**

Anil Kishen, B.D.S., M.D.S., Ph.D.

*Moderator: Erick Y Sato, D.D.S.*

- Identify the mechanism of light-activated disinfection and describe the advantages and disadvantages of light-activated disinfection in root canal therapy.
- Identify the iatrogenic risk factors for fracture predilection in endodontically treated teeth.
- Discuss the future of nanomaterial research in root canal treatment.

**PD-5: Disaster Preparedness: A Guide to Disaster Prevention and Recovery**

**Room 315**

Bradley A. Dykstra, D.D.S., M.B.A.

*Moderator: Cameron M. Howard, D.M.D.*

- Describe the steps to protect yourself, your patients and your practice from natural or man-made disasters.
- Describe replacement coverage vs. actual value, lease-hold improvements, depreciation and allowances.
- Discuss how to handle an emergency.

**PS-7: Endo Staff Think Tank**

**Room 301**

*Moderator: Debra L. Welters, LDA*

- Generate ideas, through networking, to better organize and support your practice.
- Commit to using the Professional Staff Forum on the AAE website.
- Leave with one goal that will impact the practice in a positive way.

**SH-3: Endodontic and Cardiovascular Disease Relationships**

**Room 314**

Elisabetta Cotti, D.D.S., M.S.

*Moderator: Jonathan Fu, D.D.S.*

- Recognize the possible association between endodontic infection and cardiovascular diseases.
- Discuss the recent findings of the association of apical periodontitis and initial endothelial damage.
- Describe the opportunity of using premedication in case of endodontic treatment to prevent bacterial endocarditis.

**SP-6: Potential Antibiofilm Strategies to Eliminate Root Canal Infections**

**Room 313B**

Luis E. Chavez de Paz, D.D.S., M.D.S., Ph.D.

Lucas W.M. van der Sluis, D.D.S., M.D.S., Ph.D.

*Moderator: James A. Abbott, D.D.S., M.S.*

- List novel antibiofilm mechanisms proposed to be used in endodontics.
- Discuss the main characteristics of multispecies’ biofilm communities formed in root canals.
- Describe the main targets for antibiofilm products.
**Educational Sessions**

**11:45 a.m. – 1:15 p.m. (continued)**

**SP-7: Completing the Journey: A Personal Guide to the ABE Exam Process by a Recent Diplomate**

**Room 316B**

Lester J. Quan, D.D.S.

- Discuss the 2013 version of the study guide and all of its contents.
- Describe how to develop his/her own ABE preparation and test-taking strategy.
- Identify how to assemble and write a successful case portfolio.

**SP-8: Your JOE: Reviewing, Submitting and Accessing Online**

**Room 316C**

James F. Wolcott, D.D.S.

Moderator: Susan L. Wolcott, D.D.S.

- Describe how to prepare a manuscript and submit it to the Journal.

**SP-9: Scientific and Clinical Basis for Minimally Invasive Endodontic Procedures**

**Room 320**

James L. Gutmann, D.D.S.

Moderator: Scott T. Seago, D.D.S.

- Describe how to serve as a member of the Scientific Advisory Board in providing outstanding peer reviews of manuscripts.
- Describe how to navigate the JOE online to enhance your experience as a user.

**F R I D A Y**

**9 – 10:30 a.m.**

**AS-9: Current Status of Regenerative Endodontics**

**Room 311**

Kenneth M. Hargreaves, D.D.S., Ph.D.

Moderator: Joseph A. Petrino, D.D.S., M.S.

- Describe the three major steps in tissue engineering and how they apply to regenerating the pulp-dentin complex.
- Identify the clinical principles needed for regenerative endodontic procedures.
- Describe clinical outcomes of successful regenerative endodontic procedures.

**AS-10: Internal and Cervical Resorption**

**Room 313A**

Markus Haapasalo, D.D.S., Ph.D.

Moderator: Patricia A. Tordik, D.M.D.

- List the diagnostic criteria for internal and cervical resorption.
- Recognize the role of different diagnostic methods necessary to correctly diagnose various resorptions.
- Describe the principles, materials and practical clinical procedures in the treatment of internal and cervical resorption.

**AS-11: Endodontic Irrigants**

**Room 313C**

Matthias Zehnder, D.M.D., Ph.D.

Moderator: Terry D. Webb, D.D.S., M.S.

- Describe the effect of pH on NaOCl.
- Discuss interactions between sodium hypochlorite and decalcifying agents.
- Evaluate the effect of canal wall conditioning on root canal sealability.

**AS-12: Geriatric Endodontics**

**Room 315**

Carl W. Newton, D.D.S., M.S.D.

Moderator: John D. Allemang, D.D.S.

- Identify the epidemiology of the elderly population, the incidence and prevalence of their dental disease, and the needs and expectations unique to the elderly.
- Recognize the degree of difficulty that is a factor in successful endodontic care of the elderly.
- Assist the elderly in the decision-making process when endodontic treatment is an option.

**AS-13: Molar Root Canal Anatomy Reflected by Modern Research Methodologies**

**Room 317**

Samantha P. Harris, D.D.S., M.S.

Moderator: Scott B. McClanahan, D.D.S., M.S.

- Describe how newer research technologies have allowed more detailed and accurate evaluation of root canal anatomy.
- Recognize the common anatomical variations among maxillary and mandibular molar canal systems, including number of canals, canal configurations, and presence of lateral canals and isthmuses.
- Anticipate areas of difficulty when performing endodontic therapy on molar teeth, including areas of thin dentin, canal curvatures and irregular canal shapes.
I-3: Endodontic Applications of MRI  
Room 316A  
Donald R. Nixdorf, D.D.S., M.S.  
Moderator: Roberta Pileggi, D.D.S., MS  
- Identify the functional parts of an MRI system and their function(s).  
- Describe what MR systems are imaging and how this differs from an ionizing radiation-based system.  
- Discuss the potential benefits MRI may bring to endodontics.

SH-4: Diabetes and Implant Therapy Outcomes  
Room 313B  
Guy Huynh-Ba, D.D.S., M.S.  
Moderator: Riyadh I. Althumairy, B.D.S.  
- Describe the effect of diabetes on bone healing around dental implants.  
- Recognize the limitations of previously published literature in the field.  
- Describe the clinical management of patients with diabetes taking into account recent published evidence.

SP-10: Myths and Reality: Understanding the Time Course of Local Anesthesia  
Room 316B  
Michael I. Falkel, D.D.S.  
Moderator: Susan L. Wolcott, D.D.S.  
- Describe how “The Curve” represents the true nature of anesthetic onset time in day-to-day practice.  
- Distinguish soft tissue vs. pulpal anesthesia, and be better able to use the two as diagnostic tools.  
- Implement strategies for shifting “The Curve” in their favor to take control of their schedule.

SP-12: Educator Forum: Clinical Teaching in the Undergraduate Clinic  
Room 321  
Lorne Chapnick, D.D.S.  
Moderator: Melissa M. Drum, D.D.S., MS  
- Describe and implement techniques to set the emotional tone in the clinic.  
- Describe and implement techniques to facilitate student learning in the clinic.  
- Discuss the importance of their status as a role model.

SP-11: New Scope of Options for Root Canal Obturation  
Room 318  
Ricardo Caicedo, D.D.S.  
Moderator: David Z. Liu, DMD, MS  
- Evaluate the new scope of options available for obturation of the root canals based on a multi-center clinical trial.  
- Discuss the use of a nonheated flowable obturation material for root canals, which combines gutta-percha and sealer in one product.  
- Implement the use of silicone-base filling materials in nonsurgical endodontic procedures.

SP-16: Regeneration Workshop  
Room 323C  
Carmen Bonilla, D.M.D.  
Richard Gelman, D.M.D.  
Peter E. Murray, D.Sc., Ph.D.  
Moderator: Michael D. Flex, D.D.S., MS  
- Identify teeth that can benefit from regenerative endodontics using an evidence-based and decision-analysis approach.  
- Describe how to use instruments and materials to accomplish regenerative endodontics.  
- Increase the outcome predictability by careful case selection and refinement of the procedure.

AS-14: Advances in Rotary Systems  
Room 314  
Gary D. Glassman, D.D.S.  
Sergio Kuttler, D.D.S.  
David J. Landwehr, D.D.S., M.S.  
Zvi Metzger, D.M.D.  
Martin Trope, D.M.D.  
Moderator: Ove A. Peters, D.M.D., M.S., Ph.D.  
- Discuss the innovations in file design and metallurgy of the file systems.  
- Evaluate the features of the file systems for clinical practice.  
- Implement the file systems into clinical practice.

AS-15: Modern Endodontic Access Design Workshop  
Room 323AB  
Eric Herbranson, D.D.S., M.S.  
Moderator: Kevin M. Keating, D.D.S., M.S.  
Fee: $395 early/$445 standard  
- Describe the importance of the conservation of cervical dentine in the overall success of the endodontic/restorative continuum.  
- Describe and demonstrate an access design philosophy that conserves cervical dentine without compromising endodontic success.  
- Describe the new access and shaping instruments, and demonstrate their use in creating these new access designs.
Register now at www.aae.org/annualsession

9 a.m. – 12:15 p.m.  (continued)

MC-4: Functional Crown-Lengthening Surgery
Exhibit Hall
Eric A. Rindler, D.D.S.
Moderator: Deborah K. Johnson, D.D.S.
• Describe nontraumatic flap management technique.
• Describe suturing techniques for functional crown lengthening.
• List the steps involved in predictable functional crown-lengthening surgery.

PD-6: Service Excellence—Understanding the Changing Expectations of Your Customers
Room 301
Sam K. Jenniges, M.S.
Moderator: Kimberly A.D. Lindquist, D.D.S., M.S.D.
• Define and classify the value, including exceeding expectations that you currently provide, or could provide, to the ever-changing expectations of your patients or referring partners.
• Articulate why exceeding expectations must be deliberate, timely and valuable to the customer.
• Describe which level of value is the biggest leap for practices and where you can begin to differentiate your service.

PD-7: Medical Emergencies—Ten Minutes to Save a Life
Room 312
Stanley F. Malamed, D.D.S.
Moderator: George T. Goodis, D.D.S.
• List the four steps in preparation of the office and staff to recognize and manage medical emergencies.
• Name and describe the indication for each of the seven drugs in the basic emergency drug kit.
• Describe the basic management of all medical emergencies.

10:45 a.m. – 12:15 p.m.

AS-17: Endodontic Microbiology
Room 311
J. Craig Baumgartner, D.D.S., M.S., Ph.D.
Moderator: Scott B. McClanahan, D.D.S., M.S.
• Describe the microbial ecosystem in endodontic infections to include bacteria, archaea, fungi, viruses and possibly prions.
• Describe the advantages that microbes have in aggregates and biofilms.
• Explain that the microbial communities in endodontic infections are all different.

AS-18: Implant Outcomes
Room 313B
Hessam Nowzari, D.D.S., Ph.D.
Moderator: Carolina Rodriguez-Figueroa, D.D.S.
• Describe the healing dynamics at periodontal and peri-implant sites.
• Critically analyze different implant systems.
• Analyze dental implants in health and disease.

I-4: Artifacts in CBCT Imaging: Are You Seeing What You Think You See?
Room 313C
Scott R. Makins, D.D.S.
Moderator: Theran D. Eichenberger, D.D.S., M.S.D.
• Describe how CBCT artifacts are generated.
• Recognize the appearance of common CBCT artifacts.
• Establish patient selection guidelines for CBCT imaging.

I-5: The Future of 3-D Technology in Endodontics
Room 316A
Martin D. Levin, D.M.D.
Moderator: Bettina R. Basrani, D.D.S., M.S.D., Ph.D.
• Describe the benefits of limited FOV, high-resolution CBCT in identification of complex dental morphology and lesions of the supporting structures.
• Identify how volumetric analysis can aid in the diagnosis of periapical pathosis when contradictory clinical signs and symptoms are present.
• Describe future developments that promise to improve the usefulness of CBCT imaging.

AS-19: Successful Endodontic Anesthesia: Current Thoughts and Procedures
Room 317
Melissa M. Drum, D.D.S., M.S.
Al Reader, D.D.S., M.S.
Moderator: Bruce C. Justman, D.D.S.
• Define why anesthesia fails so often in the mandible and identify the latest information on buffered lidocaine, articaine and preoperative medications (including nitrous oxide) for patients with symptomatic irreversible pulpitis.
• Identify the effectiveness of preoperative analgesic medications for patients with symptomatic irreversible pulpitis.
• Develop specific procedures using intraosseous technologies for insuring profound anesthesia for patients presenting with symptomatic irreversible pulpitis.
**SH-5: Effect of Congenital Diseases and Syndromes on Pulp Biology and Endodontic Disease**

**Room 313A**

Michael A. Huber, D.D.S.
Moderator: David E. Martin, D.D.S.

- Describe the presentation patterns of selected congenital considerations and syndromes affecting the oral structures.
- Describe how selected congenital considerations and syndromes can impact patient health and function.
- Describe the basic therapeutic strategies used to manage selected congenital considerations and syndromes.

**SP-13: Outcome of Endodontic Treatment: How Well Are We Doing?**

**Room 315**

Ilan Rotstein, D.D.S.
Moderator: Channelle L. Small, D.D.S.

- Summarize the variations that exist in the literature regarding endodontic treatment outcome.
- Evaluate updated data obtained from large cohorts of patient populations.
- Apply this knowledge for evidence-based assessment of prognosis and treatment decision-making.

**SP-14: Can We Predict Flare-Ups?**

**Room 316B**

Adham Abdel Azim, B.D.S.
Moderator: Craig S. Hirschberg, D.D.S.

- List etiological factors causing flare-up during treatment.
- Discuss flare-up phenomena.
- Describe and evaluate medications controlling inter- and postoperative complications.

**SP-15: Vertical Root Fractures: Challenges and Newer Diagnostic Aids**

**Room 318**

Uma P. Nair, B.D.S., D.M.D., M.D.S.
Moderator: Ross A. Yost, D.D.S.

- Describe the challenges associated with diagnosis of vertical root fractures.
- Identify treatment options and prognosis for teeth with vertical root fractures.
- Discuss the use of newer aids for the diagnosis of vertical root fractures.

**SP-16: Educator Forum: How Do Our Students Learn?**

**Room 321**

Lorne Chapnick, D.D.S.
Moderator: Melissa M. Drum, D.D.S., M.S.

- Describe the factors that lead to the student's lack of confidence and compromised learning.
- Discuss the Cognitive Load Theory and how it can be applied in the clinic.
- Describe the value of reflection and how it may be introduced into the clinic.

Planned by the Educational Affairs Committee

**1 – 2:30 p.m.**

**AS-19: Quality of Life of Patients After Endodontic Therapy**

**Room 313C**

Christine A. Riedy, Ph.D., M.P.H.
Moderator: Brian D. Barsness, D.D.S.

- Describe the constructs that comprise the Oral Health Impact Profile, a measure of oral health quality of life.
- List the main themes relevant to endodontic and implant patients' perceived quality of life.
- Assess the potential for incorporating the patient's concerns about quality of life into the treatment discussion.

**E-4: Mechanisms and Evidence-Based Management of Persistent Pain After Endodontic Therapy: Current Developments and Future Trends**

**Room 313A**

Thuan Dao, D.M.D., M.Sc., Ph.D.
Moderator: Avina K. Paranjpe, B.D.S., D.M.S., M.S.D., Ph.D.

- Recognize the clinical signs and symptoms of orofacial neuropathic pain.
- Identify the basic mechanisms underlying neuropathic orofacial pain and use these to explain the clinical phenomena associated with orofacial neuropathic pain.
- Describe the rationale of the evidence-based management of orofacial neuropathic pain.

**E-5: Tissue Engineering and Deep Caries**

**Room 313B**

Tatiana M. Botero-Duque, D.D.S., M.S.
Moderator: Christine M. Sedgley, M.D.S., M.D.Sc., Ph.D.

- Recognize differential treatment options of deep caries lesions to obtain a dentin-pulp complex reactionary or reparative response.
- Describe the key concepts in regeneration and tissue engineering to replace the loss tissues: pulp, dentin and enamel.
- Describe the research available in regeneration and tissue engineering to replace the loss tissues: pulp, dentin and enamel.

**Educational Sessions**

**Will not be recorded for Live Learning Center**
E-6: What Will Education Look Like: Forecasting the Future  
Room 321  
Gerald N. Glickman, D.D.S., M.S., M.B.A., J.D.  
Paul A. Rosenberg, D.D.S.  
Moderator: Brian Whitten, D.D.S.  
• Describe the potential of new technologies to enrich curricula.  
• Recognize the impact of high tuition and student indebtedness.  
• Recognize the challenge of faculty recruitment and retention.

I-6: CBCT: A Comparison Between Different Fields of View and Systems  
Room 311  
Christine I. Peters, D.D.S.  
Ove A. Peters, D.M.D., M.S., Ph.D.  
Moderator: James D. Johnson, D.D.S., M.S.  
• Describe the effects of variation in the field of view on CBCT image resolution and patient dosage.  
• List manufacturers and their units in relation to FOV dimensions.  
• Provide recommendations for the clinical selection of cone beam FOVs.

I-7: There’s a Patient on the End of That Tooth—Endodontic Imaging Beyond the Canal!  
Room 316A  
Dale Miles, D.D.S., M.S.  
Moderator: Carol Diener Weber, D.D.S., M.S.  
• Discuss the wider variety of imaging modalities applicable to RCT.  
• Compare 2-D and 3-D imaging capability for these modalities.  
• Identify how these images will help treat patients more confidently.

I-8: Patient Management and Financial Considerations of CBCT in the Academic and Private Practice Setting  
Room 314  
Frederic Barnett, D.M.D.  
Terrell F. Pannuk, D.D.S., M.S.D.  
Moderator: Patrick E. Taylor, D.D.S.  
• Compare the radiation doses of limited FOV CBCT devices as compared to other imaging modalities.  
• List the financial considerations of purchasing, financing and charging for CBCT imaging.  
• Describe the indications and proper use of CBCT imaging devices.

P-3: Neurobiology of the Dental Pulp  
Room 312  
Jennifer L. Gibbs, M.A.S., D.D.S., Ph.D.  
Moderator: John M. Yaccino, D.D.S.  
• Describe how the neurobiology of pulpal neurons relates to pain transmission in teeth.  
• Describe what happens in the brain stem and higher structures when pulpal axons are damaged.  
• Describe how the neurobiology of pulpal afferents are affected by inflammation.

PD-8: Social Media, Reputational Marketing and Search Engine Optimization  
Room 301  
Jay R. Levine  
Moderator: Kimberly A.D. Lindquist, D.D.S., M.S.D.  
• Describe how social media can positively and negatively impact patient and referral relationships.  
• Discuss Google’s latest search engine ranking methodologies.  
• Discuss implementation of Internet marketing strategies within the practice website.

PD-9: Technology in the 21st Century Endodontic Office  
Room 315  
George A. Bruder III, D.M.D.  
Moderator: Stephen G. Hunter, D.D.S., M.S.  
• Identify and integrate new technology.  
• Describe how to deidentify patient data and the benefits of collaborative studies.  
• Relate new technologies into clinical applications.

PS-8: Cracking the Code for Endodontics  
Room 317  
Robert G. Sherman, D.M.D.  
Moderator: Kenneth B. Willbank, D.M.D.  
• Review how to reduce common misreported and misunderstood endodontic CDT procedure codes.  
• Discuss ways to improve communications between patients, referring dentists and insurers.  
• Identify ways to facilitate your endodontic claims processing and get paid on time.

SP-17: An Endodontic Perspective Regarding the Effect of Orthodontic Treatment on Pulpal Vitality  
Room 316B  
Rodrigo S. Cunha, D.D.S., M.Sc., Ph.D.  
Moderator: Daniella S. Peinado, D.D.S.  
• List the pulp alterations that can occur during orthodontic treatment.  
• Discuss common orthodontic-endodontic treatment planning challenges.  
• Describe appropriate management of teeth requiring integrated endodontic and orthodontic treatment.
**SP-18: What's Going on Beyond the Apex? Understanding the Molecular Aspects of Inflammation-Induced Apical Tissue Destruction**

**Room 318**

Gustavo P. Garlet, D.D.S., M.S., Ph.D.
Ariadne Letra, D.D.S., M.S., Ph.D.
Renato M. Silva, D.D.S., M.S., Ph.D.

- Identify the factors responsible for persistent apical periodontitis.
- Describe the molecular mechanisms associated with extracellular matrix degradation and bone loss in the periradicular region.

**SP-19: Resident and New Practitioner Career Fair**

**Room 316C**

- Describe employment goals more clearly.
- Create contacts that may help you secure future employment.
- List the larger spectrum of practice/employment opportunities.

**AS-20: Root Canal Disinfection and Systemic Antibiotics**

**Room 312**

J. Craig Baumgartner, D.D.S., M.S., Ph.D.
Moderator: Robert E. Blundell, D.D.S.

- Describe the advantages and disadvantages of the various irrigants that are currently available.
- Describe the advantages and disadvantages of various irrigation delivery systems that are currently available.
- Describe the indications and antibiotics recommended for serious endodontic infections.

**AS-21: What's Left When the Endo is Done: Critically Thinking Structural Issues in Rehabilitation**

**Room 315**

Alan H. Gluskin, D.D.S.
Moderator: David C. Goering, D.D.S.

- Describe the structural weakening that occurs as a result of endodontic and restorative procedures.
- Summarize the principles of cervical dentin preservation in stabilizing load transfer to roots.
- Review the biocompatibility of restorative materials and clinical strategies for protecting endodontically treated teeth.

**AS-22: Trauma Update**

**Room 316A**

Nestor Cohenca, D.D.S.
Moderator: Scott B. McClanahan, D.D.S., M.S.

- Identify epidemiological and predisposing factors of dental trauma.
- Implement the most recent, state-of-the-art diagnostic and treatment modalities.
- Identify dentoalveolar traumatic injuries and their complications.

**AS-23: Radiolucent and Radiopaque Lesions of the Jaw**

**Room 316B**

Sandra L. Myers, D.M.D.
Moderator: Laura L. Milroy, D.D.S.

- Assess important radiographic characteristics of jaw lesions for a differential and/or definitive diagnosis.
- Correlate radiographic findings with histopathology and the definitive diagnosis.
- Utilize investigative clues in the patient profile to narrow lesions for diagnostic consideration.

**E-7: How Will We Practice Evidence-Based Endodontics and Assess Outcomes?**

**Room 313A**

Yuan-Ling P. Ng, B.D.S., M.Sc., Ph.D.
Moderator: Bradford R. Johnson, D.D.S., M.H.P.E.

- Describe the virtues and limitations of current approaches to assess and prognosticate on the outcomes of nonsurgical root canal treatment.
- Describe the directions in which the root canal treatment procedure may evolve to improve its effectiveness.
- Describe the possible directions in which surrogate assessment tools may develop to facilitate early determination of treatment outcome.
9 – 10:30 a.m. (continued)

I-9: The Role of CBCT in Endo Follow-Up
Room 313C
Hagay Shemesh, D.M.D., Ph.D.
Moderator: Avina K. Paranjpe, BDS, MS, MSD, Ph.D.
• Describe the limitations of a PAI score to evaluate healing of perapical lesions.
• Discuss the rationale of taking a follow-up x-ray to evaluate healing.
• Describe the advantages and limitations of CBCT in evaluating the outcomes of root canal treatments.

PD-10: Study Clubs Can Build Relationships and Grow Your Practice
Room 318
Alireza Aminlari, D.D.S., M.S.
Richard A. Rubinstein, D.D.S., M.S.
Moderator: Jane Peck, M.B.A.
• List the various types of study clubs.
• Discuss what the general dentist is looking for in a study club.
• Design a study club based on building relationships.

SH-6: Medical Myths in Dentistry
Room 301
Ernest B. Luce, D.D.S.
Moderator: Nikita B. Ruparel, DDS, MS, PhD.
• Describe the risks associated with temporary discontinuation of anticoagulant therapy.
• Describe patients who are candidates for corticosteroid supplementation.
• Describe risks associated with the sedation of a pregnant patient.

SH-7: Immunology of Pulpal and Periradicular Disease
Room 313B
Hajime Sasaki, D.D.S., Ph.D.
Moderator: Blake C. Ishikawa, DDS
• Describe important aspects of current immunology in the development of periradicular disease.
• Describe the importance of resident cells in periradicular immune responses.
• Describe the possibility for immunotherapies in endodontics.

SP-20: Endodontic Practice Valuation and More
Room 321
W. Paul Radman, D.D.S.
Keith D. White, CPA
• Describe the variables in endodontic practice valuation.
• Discuss the target percentages of each overhead expense line item in an endodontic practice.
• Summarize the tax consequences to both buyer and seller.

9 a.m. – 12:15 p.m.

P-4: Pain Control in the Hot Mandibular Molar—The Endodontist’s Dilemma
Room 311
Stanley F. Malamed, D.D.S.
Moderator: George T. Goodis, D.D.S.
• Compare the clinical attributes of currently available local anesthetic formulations.
• Describe the following mandibular anesthetic techniques: IANB, Gow-Gates, Akinosi-Vazerani and Incisive.
• Describe the mechanism behind the increased efficacy of buffered local anesthetic solutions.

10:45 a.m. – 12:15 p.m.

AS-24: Irrigation: The Final Frontier
Room 312
Wm. Ben Johnson, D.D.S.
Moderator: Gary G. Goodell, D.D.S., M.S., M.A.
• Identify the limitation of their current irrigation protocol.
• Discuss the apical extent and distant activity of irrigants with the new irrigation system.
• Describe how the new protocols eliminate tissue and debris from the root canal system.

AS-25: Managing Medically Compromised Patients in the Endodontic Office
Room 315
Nelson L. Rhodus, D.M.D., M.P.H.
Moderator: Samantha P. Harris, D.D.S., M.S.
• Describe the changing epidemiology of medical problems in dental patients.
• Review the medical manifestations and treatment options for medical problems in dental patients.
• Review the current dental management for patients with certain common medical problems in dental practice.
AS-26: Restoration of the Endodontically Treated Tooth
Room 316A
Jorge Perdigao, D.M.D., M.S., Ph.D.  
Moderator: Scott B. McClanahan, D.D.S., M.S.
- Describe the factors involved in the selection of a fiber post and respective myths.
- List the advantages and disadvantages of current fiber posts over other posts.
- Describe the differences between one- and multi-step bonding techniques for fiber posts.

E-8: Future Perspectives on Endodontic Infections
Room 313A
Kishor Gulabivala, B.D.S., M.Sc., Ph.D.  
Moderator: Luis E. Chavez de Paz, D.D.S., M.D.S., Ph.D.
- Describe the nature of endodontic infections.
- Describe the key characteristics of microbial physiology that determine their survival and host reactions.
- List the ways in which endodontic control of infections may be enhanced in the future.

I-10: CBCT for Diagnosis and Treatment of Traumatic Injuries and Root Resorptions
Room 313C
Jose-Maria Malfaz, D.D.S., M.D., Ph.D.  
Moderator: Nestor Cohenca, D.D.S.
- Describe the clinical applications of CBCT in traumatic injuries and root resorptions.
- Review the potential benefit of CBCT technology for diagnosis and treatment planning.
- Discuss the impact of CBCT on treatment outcome and improved predictability.

P-5: Pain: The Patient's Perspective—Diagnosis or Misdiagnosis?
Room 301
Shane N. White, B.Dent.Sc., M.S., M.A., Ph.D.  
Moderator: Brian E. Bergeron, D.M.D.
- Describe the social, psychological and behavioral factors affecting a patient's perception of pain of pulpal and periradicular origin.
- Recognize pain patterns that fall within or beyond the typical during endodontic care.
- Describe the limits of endodontic pain diagnosis.
### Exhibit Hall Schedule

#### Wednesday
- **7 a.m. – 5 p.m.** Exhibits Open
- **12:15 – 1:15 p.m.** Lunch Break – Concessions Open

#### Thursday
- **7 – 10 a.m.** **NEW** Exhibit Hall Continental Breakfast
- **7 a.m. – 2 p.m.** Exhibits Open

#### Friday
- **8:30 a.m. – 4 p.m.** Exhibits Open
- **2:30 – 3:30 p.m.** Exhibit Hall Happy Hour and Foundation Live Auction

Exhibitors are listed as of press time. The most up-to-date listing can be found at [www.aae.org/exhibits](http://www.aae.org/exhibits).

- Acadental
- Accurate Mfg., Inc.
- Acteon North America (Satelec and Sopro Companies)
- American Dental Partners, Inc.
- American Eagle Instrument, Inc.
- Aseptico, Inc.
- ASI Medical, Inc.
- Aspen Dental
- Axis/SybronEndo
- B & L Biotech, Inc.
- Benco Dental
- Bisco Dental Products
- BQ Ergonomics
- Brasseler USA
- Carestream Dental
- Carl Zeiss Meditec, Inc.
- Clinician’s Choice Dental Products
- ColteneEndo
- DENTSPLY International
- DENTSPLY Maillefer
- DENTSPLY Rinn
- DENTSPLY Tulsa Dental Specialties
- Designs For Vision, Inc.
- DEXIS Digital X-Ray
- Elsevier, Inc.
- Endo Technologies, LLC
- EndoVision
- Global Surgical Corp.
- Hartzell & Son, G.
- HealthFirst
- Henry Schein Dental
- Hu-Friedy
- ILC New York, Inc.
- J. Morita USA
- JedMed Instrument Company
- Jordco, Inc.
- JS Dental Manufacturing, Inc.
- Kodent International, Inc.
- Komet USA
- Laschal Surgical Instruments, Inc.
- Leica Microsystems, Inc.
- Lexi-Comp Publishing
- MANIL, Inc.
- Medical Protective
- Medidenta
- Meisinger USA
- Meta Biomed, Inc.
- Microsurgery Instruments, Inc.
- Milestone Scientific
- Obtura Spartan
- Onpharma
- Osada, Inc.
- Palisades Dental
- Patterson Dental Supply, Inc.
- PBHS
- PBS Endo
- Phase II Associates, LLC
- Planmeca USA, Inc.
- Protrain-Simit Dental
- Q-Optics & Quality Aspirators
- Quintessence Publishing Co., Inc.
- Radman, White & Associates, Inc.
- RGP Dental, Inc.
- Roydent Dental Products
- Schwed Co., Inc.
- Seiler Precision Microscopes
- Sirona Dental Systems and Schick Technologies
- Sonendo, Inc.
- SS White
- Surgitel/General Scientific Corp.
- TDO/eie2
- TransFirst Health Services
- Treloar & Heisel, Inc.
- Ultimate Dental—A Division of Endoco
- Ultradent Products, Inc.
- United Health Care Dental
- Vista Dental Products
- Wiley/Wiley Blackwell
- Wykle Research
- Zumax Medical Co., Ltd.

Register now at [www.aae.org/annualsession](http://www.aae.org/annualsession)
Ticket Sales
On-site ticket sales for AAE-sponsored events are final and must be purchased at least 24 hours prior to the event on a first-come, first-served basis.

Tickets for all attendees are required for the following:
- Lunch-n-Learn
- Louis I Grossman Breakfast
- Alliance Hawaiian Pool Party (p. 27)
- Golf Outing

Tuesday
Leadership Reception (by invitation)
5 – 6 p.m.
Honolulu Suite/HHV
Sponsored by Treloar & Heisel, Inc.

Wednesday
President’s Breakfast
7 – 8:30 a.m.
Kālakaua Ballroom/HCC
Featuring AAE President Dr. James C. Kulild. The recipient of the Lifetime Dental Community Volunteer Spirit of Service Award will also be recognized.

Lunch-n-Learn: Practice Marketing
12:15 – 1:15 p.m.
Room 301/HCC
$0—Complimentary; space is limited so register today!
Join your colleagues, AAE public relations staff and representatives from PR firm Ketchum for a provided lunch and roundtable discussion about best practices for practice marketing and referral building. Learn what works and doesn’t work in other endodontic offices, and get tips on how to use free AAE resources to improve your own marketing and relationship-building efforts.
Sponsored by Phase II Associates, LLC

International Reception (by invitation)
5:30 – 6:30 p.m.
Tapa Ballroom I/HHV
Welcome gathering for international attendees.
Sponsored by Elsevier

Professional Staff Reception
5:30 – 6:30 p.m.
Rainbow Suite/HHV
Open to registered endodontic staff.
Sponsored by Brasseler USA and EndoVision-Henry Schein, Inc.

Welcome Reception
6:30 – 8 p.m.
Great Lawn/HHV
Join us for this casual event in a tropical setting.

Thursday
Louis I. Grossman Breakfast
7 – 8:30 a.m.
Coral Ballroom/HHV
$45 per person includes breakfast and program
Presented by the College of Diplomates to acknowledge endodontists who achieved Board certification during 2012.
Featured Presenter:
M. Lamar Hicks, D.D.S., M.S., M.D.

Golf Outing
7 a.m. Departure
Tapa Tower Bus Depot
8 a.m. Start
Honolulu Country Club
$195 early/$205 standard, inclusive of greens fees and cart, transportation, tournament coordination, continental breakfast and a post-play luncheon.

Resident Reception
1:30 – 3 p.m.
Ala Wai Terrace, 3rd Level/HCC
Designed exclusively for the endodontic resident.
Sponsored by Treloar and Heisel, Inc. and MedPro

NEW Exhibit Hall Continental Breakfast
7 – 10 a.m.
Exhibit Hall/HCC
Join your friends and colleagues for breakfast on the show floor.
**Friday**

**General Assembly Breakfast**  
7 – 8:30 a.m.  
Kālakaua Ballroom/HCC  
The General Assembly is the annual business meeting for the Association. Important issues affecting you and the Association are discussed with courses of action decided, and new leaders are installed.

**Resident and New Practitioner Career Fair**  
1 – 2:30 p.m.  
Room 316C/HCC  
If you are looking for the perfect job or trying to find that special endodontist who will match your organization’s needs, this is the place to be (see p. 19).

**Celebrate Honolulu!**  
9 p.m. – midnight • Tapa Ballroom/HHV  
Looking for evening entertainment after dinner? You won’t have to look further than this year’s special Celebrate! event! Head over to the Tapa Ballroom for a variety of entertainment options and fun activities that are certain to appeal to everyone, including:

- Dancing the night away to the sounds of a live band
- Sitting back and enjoying a cocktail in a relaxing lounge
- Joining in the sing-along at the piano bar
- And More!

So don’t forget to add this not-to-be missed evening to your schedule! This is guaranteed “aloha ahiahi” (good evening)—we hope to see you there!

**Please Note: This event is open to all registered attendees and registered guests. Your name badge is required for entrance. Individual tickets are not sold for this event.**

**Exhibit Hall Happy Hour and Foundation Live Auction**  
2:30 – 3:30 p.m.  
Exhibit Hall/HCC  
End your day with a stop in the exhibit hall for a lively happy hour.  
**Sponsored by Radman, White & Associates, Inc.**

**AAE Foundation Leadership Donor Reception (by invitation)**  
6:30 – 7:30 p.m.  
Rainbow Suite/HHV  
Honors the AAE Foundation’s donors who have pledged at the Diamond level or higher  
**Sponsored by Henry Schein Dental**
Saturday

Edgar D. Coolidge Luncheon  
12:30 – 2 p.m.  
Kālakaua Ballroom/HCC

Be part of the ceremonies to acknowledge the AAE/DENTSPLY Resident Award recipients and the following AAE award winners:

- **Edgar D. Coolidge Award**  
  Samuel O. Dorn, D.D.S.

- **Ralph F. Sommer Award**  
  Peter E. Murray, B.D.Sc., Ph.D.

- **I.B. Bender Lifetime Educator Award**  
  H. Robert Steiman, Ph.D., D.D.S., M.S.D.

- **Edward M. Osetek Educator Award**  
  Anthony T. Borgia, D.D.S.

- **Part-Time Educator Award**  
  J. Gordon Marshall, D.M.D.

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**Endodontists: Partners in Patient Care**

**THE AAE AWARENESS CAMPAIGN**

**EXPERTISE • PATIENT SATISFACTION • PARTNERSHIP**

The AAE’s campaign resources help you develop an ongoing practice marketing program and build stronger referral relationships with general dentists.

- Updated *Professional Outreach Toolkit* – 19 new pages of valuable content!
- Consumer Outreach Toolkit for patient and community relations
- Market research reports
- Practice marketing courses, Toolkit 101 webcast
- Treatment planning resources
- Videos, tooth images to enhance your practice website
- And much more!

**AAE Practice Management TOOLBOX**

Find these campaign resources and more at [www.aae.org/practicepromotion](http://www.aae.org/practicepromotion).
Aloha,

The AAE Alliance welcomes you to the beautiful island of Oahu for the 2013 AAE Annual Session. Oahu is the heart of Hawaii and its sunny weather, sandy beaches and pristine warm water will surely shake off your winter chills. Waikiki, our Annual Session destination, is known for its world-class hotels, vibrant night life, great shopping and Pacific Rim dining. It is easy to immerse oneself in the fascinating history and culture of the Hawaiian Islands.

The Alliance is always trying to stay current with its spousal program by entertaining suggestions at each sessional meeting. The overwhelming response for activities in Hawaii was to concentrate on relaxation, socializing and enjoying the beautiful outdoor spaces with the traditional Hawaiian welcome—E KOMO MAI!

To encompass this request, the Alliance will open its doors to the beautiful Hospitality Suite for the comfort of all spouses and partners, no invitation required. Come and meet an old friend or make a new one. Enjoy some light refreshments and find out all of the exciting venues that Hawaii has to offer. Perhaps you will meet someone who would like to make a day trip to the Polynesian Cultural Center, the Queen Emma Summer Palace, Dole Plantation or historic Pearl Harbor. If you are bringing your children, they are sure to enjoy Sea Life Park, Waikiki Aquarium, Honolulu Zoo or the Hawaiian Waters Adventure Park. If you want adventure, there is always hiking on Diamond Head, snorkeling in Hanauma Bay, cycling or catamaran sailing. For those of you who just want to relax by a palm tree, run your toes through the white sand and peer out at the beautiful waters I am with you. Perhaps some shopping at the Ala Moana Center, Royal Hawaiian Shopping Center or the Wailele Premium Outlets? You will always find a friend or multiple friends who will want to share this experience with you!

For sheer entertainment the Alliance will be hosting a Hawaiian Pool Party. Find some Aloha wear at Hilo Hattie and join us for an exotic drink demonstration, lei making and Hawaiian dancing. You won’t want to miss the door prizes and refreshments!

I look forward to seeing you all in Oahu!

Sincerely.

Kerstin Conn, D.M.D.

ACTIVITIES

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<th>Hawaiian Pool Party (Open to spouses and partners)</th>
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<tr>
<td>$35 per person; registration is required, attendance is limited!</td>
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Location Key: HCC = Hawaii Convention Center, HHV = Hilton Hawaiian Village
To participate in any AAE Annual Session activity, you must register for one of the following packages. Registration fees are for the full conference. One-day and exhibit-hall-only registrations are not available.

Tickets for the following activities are not included in any package:
• Workshops
• Lunch-n-Learn
• Louis I. Grossman Breakfast
• Alliance Activities
• Golf Outing

Complete registration information, including package descriptions, the cancellation policy and attendee list, can be found online at www.aae.org/annualsession.

Members

The following packages include: Sessions and Exhibits, Coolidge Luncheon, Welcome Reception, President’s Breakfast, Exhibit Hall Continental Breakfast, General Assembly Breakfast and Celebrate Honolulu!

• AAE Professional ($995 early/$1145 standard)
• AAE Retired ($498 early/$648 standard)
• AAE Active 1st Year ($498 early/$648 standard)
• AAE Student ($210 early/$360 standard)
• AAE Professional Staff ($210 early/$360 standard)

Nonmembers

The following packages include: Sessions and Exhibits, Coolidge Luncheon, Welcome Reception, President’s Breakfast, Exhibit Hall Continental Breakfast, General Assembly Breakfast, and Celebrate Honolulu!

• U.S. Professional Guest ($1,765 early/$1,915 standard)
• International Professional Guest ($1,180 early/$1,330 standard)
• Student Guest ($1,180 early/$1,330 standard)
• Professional Staff Guest ($1,180 early/$1,330 standard)

AAE Alliance/Spouse and Guests

The following packages include Sessions and Exhibits, Welcome Reception, Celebrate Honolulu!

• AAE Alliance/Spouse ($130 early/$205 standard)
• Guest ($130 early/$205 standard)
• Child ($75 early/$100 standard)

Methods of Registration

Online: The quickest and most secure way for all attendees to register. Go to www.aae.org/annualsession and click on “Register Now” under the Access Now menu.

Fax or Mail: Download a Registration Form from www.aae.org/annualsession.

Registration Deadlines

The early registration fee will be granted for registrations received by March 13, 2013. After this date, standard fees will apply. Registration forms will not be accepted after the early registration date, but you may register online until April 5, 2013. After this date, you must register on site at the Registration and Information desk at the Hawai'i Convention Center.

Payment and Confirmation

Registration without complete payment cannot be processed. If you have an email address on file you will receive an electronic confirmation. If you have not received a confirmation within three weeks of submitting your registration, please contact the AAE. Badges and registration materials will be held for you in the AAE Registration and Information area the Hawai'i Convention Center.

Special Assistance

If you have a physical, communication or dietary restriction that may affect your participation in Annual Session activities, please contact the AAE Meetings Department at 800/872-3636 (U.S., Canada, Mexico) or 312/266-7255, or by sending an email to meetings@aae.org, at least 30 days prior to your arrival. We can only ensure the availability of appropriate accommodations with prior notification of need.

Join the AAE and Save!

Become eligible for an AAE Professional, Student or Professional Staff package rate! Go to www.aae.org/join for more information.
Hotel Reservations

The AAE has reserved a block of guestrooms at the following official headquarters hotel:

Hilton Hawaiian Village Waikiki Beach Resort
2005 Kalia Road
Honolulu, HI 96815
Phone: 808/949-4321
Fax: 808/951-5458
Website www.hiltonhawaiianvillage.com

Rates

The following group rates will be offered to AAE Annual Session attendees until March 16, 2013, or until the room block is filled, whichever occurs first. After that time, rates and reservations will be subject to availability. Rates apply to single/double occupancy and are subject to 13.962 percent local and state taxes. Listed suite rates include one bedroom; additional bedrooms, if available, are subject to the standard group room rate.

Room descriptions can be found at www.hiltonhawaiianvillage.com/accommodations:

- Resort View: $230
- Partial Ocean View: $250
- Ocean View: $270
- Rainbow Tower Ocean View: $305
- Rainbow Tower Ocean Front: $320
- Ali‘i Tower Partial Ocean View: $300
- Ali‘i Tower Ocean View: $320

Reservation Procedures

To make your reservation for a standard room, go to the AAE website at www.aae.org/annualsession and select “Make Hotel Reservations” from the Access Now menu.

Suites

A limited number of suites are available to AAE attendees at discounted rates. To inquire about suite options, please contact Joy Nagtalon at mary.nagtalon@hilton.com. The reservations office is open Monday through Friday, 8 a.m. – 4 p.m. HT.

Pre-/Post-Hotel Discounts

Take advantage of discounted room rates at hotels on neighboring islands for your pre- or post-meeting travel. A complete list of hotels and rates can be found at www.aae.org/annualsession in the Access Now menu.

Deposit/Cancellation Policy

A deposit (equal to room and tax for two nights) will be applicable at the time of reservation. This deposit will be fully refunded if the hotel receives notice of cancellation at least 10 days prior to the date of arrival. This deposit is forfeited in its entirety for cancellations received within 10 days prior to arrival and for all no-shows.

Travel and Transportation

Air Travel

United Airlines is offering special meeting fares to attendees who use the meeting identification number below.

Online at www.united.com
Enter Meeting ID# ZNBU121316 in the offer code box.

Airport Transportation

Taxi fare to the Hilton Hawaiian Village is approximately $31 one way. Shuttle service is available through SpeediShuttle. The cost is approximately $15 one way. To make a reservation, go to www.aae.org/annualsession and select “Travel Arrangements” from the Access Now menu.

Car Rental

Hertz is the AAE’s preferred car rental company. Special meeting rates are available. To reserve a car, contact Hertz online or by phone, and refer to CV# 022Q5991

Online: www.hertz.com
Calling From the United States or Canada: 800/654-2200
International: 405/749-4434

Parking

Valet parking is available at the Hilton Hawaiian Village for $30 per day. Self-parking is $24 per day.
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