American Occupational Health Conference

Conference Program

Rosen Shingle Creek, Orlando, FL | April 28 - May 1, 2013

AOHC Orlando
2013
American Occupational Health Conference (AOHC)
Orlando
Dear Colleagues, Friends, and Guests:

I look forward to welcoming you to Orlando for the 2013 American Occupational Health Conference (AOHC)!

Many of you will recall the excellent AOHC held in Orlando at Rosen Shingle Creek in 2010. The venue and the educational content were superb. We return to “The City Beautiful” (or as some call it “O-Town”) and Rosen Shingle Creek for what is going to be another stellar conference.

Our AOHC 2013 Planning Committee co-chaired by Phyllis A. Gerber, MD, FACOEM, and Michael G. Holland, MD, FACOEM, has crafted a fantastic program built around the theme of the role occupational medicine can play in building healthier workplaces, homes, and communities.

Among the AOHC 2013 highlights:

• **Sappington Lecture.** This year’s lecture will be presented by Paul Grundy, MD, MPH, FACOEM, Director of Global Well Being Services at IBM, and a renowned leader in the development of the medical home concept.

• **Patterson Lecture.** Sandra Schneider MD, FACEP, past president of the American College of Emergency Physicians, will deliver the William B. Patterson Memorial Lecture on Ethics. Dr. Schneider will discuss the interface of emergency medicine and urgent care with occupational medicine.

• **Exciting new sessions.** For AOHC 2013, we are updating a number of your favorite session offerings. And, we are introducing numerous exciting new sessions that will cover all aspects of occupational and environmental medicine (OEM). Both seasoned OEM providers and those recently entering the field will find sessions that are sure to provide exciting and useful information. We are also planning to present an “armchair discussion” with several members of international OEM organizations as well as an update on NIOSH activities. This year’s worksite visits will offer a unique opportunity to see a behind-the-scenes look at Disney’s Animal Care Facility, Rosen Shingle Creek, the Orlando Fire Academy, and a farm tour focusing on the toxic risks encountered by agricultural workers.

• **Entertainment options.** An exciting social event is being planned. The hotel and Orlando area offer numerous opportunities for fine dining and impromptu social time. We will also be providing shuttles to Pointe Orlando for additional dining and entertainment options.

Encourage your colleagues, family, and friends to accompany you to the Rosen Shingle Creek in Orlando. There are unlimited things to see and do for all members of the family—from golf to tours of Disney or Universal theme parks, and many other attractions.

I want to again express my appreciation to the entire AOHC 2013 Planning Committee and ACOEM staff for pulling together an outstanding program and meeting. They have worked tirelessly to make this the best AOHC yet!

Remember, this year’s meeting starts on Sunday, April 28. The House of Delegates will meet Sunday morning. The opening general session (featuring the Sappington Lecture) will take place on Sunday afternoon with sessions continuing through Wednesday morning. The ACOEM annual meeting, featuring the Patterson Lecture, will be held on Wednesday morning. Pre- and post-conference courses will also be offered.

I look forward to greeting you in Orlando for an exciting meeting with great educational sessions and great networking and social opportunities.

Karl Auerbach, MD, MS, MBA, FACOEM
President, ACOEM
Be a Part of the Discussion: OEM’s Future in the Health Care System!

During the 2013 AOHC, we’re giving special emphasis to the role occupational and environmental medicine will play in the future, as the Affordable Care Act and other emerging trends and factors change health care. As a part of its advocacy initiative Healthy Workforce Now, ACOEM is raising the visibility of the unique skills and resources that OEM physicians can bring to the table during this time of great change. At the heart of our advocacy is the idea that the workplace offers a powerful portal through which the health of millions of Americans can be positively impacted. Our idea is simple: Create a system that more closely integrates health in the workplace, the home and the community. During this year’s AOHC, speakers will explore this concept of health integration, with several sessions including it as a key focus. We’ll also be surveying attendees on these topics and will host a special session about Healthy Workforce Now on Wednesday, May 1. We hope you will be a part of the discussion during this conference!

CONFERENCE SCHEDULES AT-A-GLANCE

Pre-Conference Courses

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<tr>
<th>PRE-CONFERENCE COURSES: Friday, April 26, 2013 (additional fee required)</th>
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<tbody>
<tr>
<td><strong>8:00am-5:00pm</strong></td>
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<tr>
<td>Medical Review Officer (MRO) Comprehensive Course (Day 1 of 2)</td>
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<tr>
<td>Occupational Medicine Board Review Course (Day 1 of 2)</td>
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<tr>
<td>Foundations in Occupational Medicine, Segment 2 (Day 1 of 2)</td>
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<tr>
<th>PRE-CONFERENCE COURSES: Saturday, April 27, 2013 (additional fee required)</th>
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<tr>
<td><strong>8:00am-5:00pm</strong></td>
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<tr>
<td>Medical Review Officer (MRO) Comprehensive Course (Day 2 of 2)</td>
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<td>Occupational Medicine Board Review Course (Day 2 of 2)</td>
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<td>Foundations in Occupational Medicine, Segment 2 (Day 2 of 2)</td>
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<tr>
<td>Commercial Driver Medical Examiner</td>
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<td>Spirometry Testing in Occupational Health—Physician Update</td>
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<td>7:30am-8:30am</td>
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<td>8:00am-9:30am</td>
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</table>
| 8:00am-12:15pm| **Session 101** - The Future of Occupational Medicine: Where Will Our Expert Practitioners Come From  
**Session 102-R** - International Travel Health Issues + Healthy Travel: Opportunities and Issues for Occupational Medicine Physicians |
| 9:30am-11:30am| **Session 100** - Occ Med: Where Primary Care Meets the Workplace                       |
| 10:00am-12:00pm| **Session 103** - Overcoming Death by PowerPoint: Thirteen Practical Ways to Enliven Your Presentation Using Experiential Learning Methods |
| 1:30pm-3:00pm| **Session 104** - AOHC Opening Session: C. O. Sappington Memorial Lecture – Paul Grundy, MD, MPH, FACOEM |
| 3:00pm-3:15pm| Break                                                                                |
| 3:15pm-4:15pm| **Session 110-R** Low Back Pain: Thinking Outside the Disc: Lecture and Demonstration Performing Artist  
**Session 105-R** Pesticides and Biomonitoring  
**Session 106-R** Independent Medical Examiner  
**Session 111-R** Medical Center Occupational Health: Expanding the Care Delivery Model  
**Session 107** The Numbers of Medicine  
**Session 108-R** Individual Scientific Abstracts  
**Session 109** CHAA Award |
| 4:15pm-4:30pm| Break                                                                                |
| 4:30pm-5:30pm| **Session 110, Continued**  
**Session 112-R** Use of IGRA Testing in Evaluation and Prophylaxis of LTBI  
**Session 113** Public Health ACPM and Occupational Medicine  
**Session 111, Continued**  
**Session 114** ACOEM Court Rides  
**Session 115-R** Individual Scientific Abstracts |
| 5:30pm-7:30pm| Exhibits Opening Reception & Abstract Poster Presentations                           |
| 7:30pm-8:30pm| **Session 117** - SOM International Panel Discussion                                  |

**TRACK KEY:**
- OEM Clinical Practice
- Management and Administration in OEM
- Environmental Health and Risk Management
- Regulatory, Legal, Military, and Governmental OEM
- OEM Education and Scientific Research
- Other
- R = Resident Friendly Session
- ** = Additional fee required to attend
Day 2: Monday, April 29, 2013

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 200</th>
<th>Session 201-R</th>
<th>Session 202-R</th>
<th>Session 203-R</th>
<th>Session 204</th>
<th>Session 205-R</th>
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<tbody>
<tr>
<td>7:00am-8:00am</td>
<td>Interstate Professional Practice Considerations</td>
<td>Ergonomic Job Analysis Methods: Objective Support for Occ. Med. Practice</td>
<td>Drowsy Drivers, Sleepy Workers, and OEM Practice</td>
<td>Becoming Board Certified and Maintaining Board Certification in OEM</td>
<td>Becoming an ACOEM Fellow</td>
<td>Past is the Present</td>
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<tr>
<td>8:00am-8:30am</td>
<td>Break (in Exhibit Hall)</td>
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<td>8:00am-12:00pm</td>
<td>Worksite Visit 900 - The Toxic Tour: Lake Apopka and the Farmworker Population**</td>
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<td>8:30am-10:00am</td>
<td>Session 206-R Communication and the Occupational Medicine Physician</td>
<td>Session 207-R How to Avoid the Bermuda Triangle of Employment Laws</td>
<td>Session 208 Measuring Excellence/Achieving Preventive-Clinical Goals for Patient Populations</td>
<td>Session 210-R Commercial Driver Medical Examinations: Update and Beyond the Medical Examiner Handbook</td>
<td>Session 209 A Brave New World of Learning: Online Education on Disability Evaluation</td>
<td>Session 211-R Resident Research Abstract Presentations Session</td>
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<td>10:00am-10:30am</td>
<td>Break (in Exhibit Hall)</td>
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<td>10:30am-12:00pm</td>
<td>Complimentary Lunch (in Exhibit Hall)</td>
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<td>12:00-1:15pm</td>
<td>Complimentary Lunch (in Exhibit Hall)</td>
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<td>1:30pm-3:00pm</td>
<td>Session 212 Increasing Corporate Med. Director’s Impact on Health Benefits Strategy</td>
<td>Session 213 Social Media Workshop for OEM Providers</td>
<td>Session 214 Lumbar Fusion and Workers’ Compensation: Helping Patients Make Better Decisions</td>
<td>Session 215 Environmental Health Update: Introduction to Epigenetics</td>
<td>Session 210, Continued</td>
<td>Session 211, Continued</td>
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<tr>
<td>1:30pm-4:30pm</td>
<td>Worksite Visit 901 – A Culture of Safety and Wellness at Rosen Hotels and Resorts**</td>
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<td>3:00pm-3:30pm</td>
<td>Break (in Exhibit Hall)</td>
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<td>3:30pm-5:00pm</td>
<td>Session 222-R Essential Leadership Competencies and Skills for the New OEM Physician</td>
<td>Session 223 Fedrstate: Health Outcomes from a Comprehensive Worksite Wellness Program of the Public</td>
<td>Session 224-R Hyperbaric Medicine Applications for Occupational Physician</td>
<td>Session 220, Continued</td>
<td>Session 225 OSHA Best Practice: Spirometry</td>
<td>Session 221, Continued</td>
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<tr>
<td>6:30pm</td>
<td>Social Event** (Details to Come!)</td>
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** Track Key:**
- OEM Clinical Practice
- Management and Administration in OEM
- Environmental Health and Risk Management
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- Other

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Day 3: Tuesday, April 30, 2013

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Description</th>
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<tbody>
<tr>
<td>7:00am-8:00am</td>
<td><strong>Session 300</strong> - General Session: Update from NIOSH and OSHA with John Howard and David Michaels</td>
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<tr>
<td>8:00am-8:30am</td>
<td>Break (in Exhibit Hall)</td>
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<td>8:00am-11:30am</td>
<td><strong>Worksite Visit 902</strong> - Disney’s Animal Kingdom Animal Care Facility**</td>
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<tr>
<td>8:30am-12:30pm</td>
<td><strong>Worksite Visit 903</strong> - Central Florida Fire Academy**</td>
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<tr>
<td>8:30am-10:00am</td>
<td><strong>Session 301</strong> Physical Therapy for Occupational Clinical Practice: A Hands-on Experience with Clinical Methodologies</td>
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<td><strong>Session 302</strong> Practice Management and Finance: The Basics – Carriers, Coding, and Communication</td>
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<td><strong>Session 303</strong> Leading to Value: Using a Consensus Definition of Healthcare Value and Value Measurement… HP Benefit</td>
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<td><strong>Session 305</strong> Underserved Occupational Populations: Clinical, Regulatory, and Systems Issues</td>
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<td><strong>Session 304</strong> R.E. Mitchell Cntr for Prisoner of War Studies: Impacting the Selection and Training of Military Personnel in Occupations with High Risk of Capture</td>
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<td><strong>Session 306R</strong> MRO Controversies</td>
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<tr>
<td>10:00am-10:30am</td>
<td>Break (in Exhibit Hall)</td>
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<tr>
<td>10:30am-12:00noon</td>
<td><strong>Session 307-R</strong> Occupational Respiratory Disease: A Clinical Case-based Review</td>
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<td><strong>Session 302, Continued</strong></td>
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<td><strong>Session 308</strong> The Value of Poison Control Centers to Occupational Medicine Practitioners</td>
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<td><strong>Session 305, Continued</strong></td>
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<td><strong>Session 309</strong> The Gulf Oil Split: Worker and Community Update</td>
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<td><strong>Session 306, Continued</strong></td>
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<tr>
<td>12:00-1:15pm</td>
<td>Lunch on Own – “Grab ‘n Go” (Section Mtg/Lunches) (Social Media) (Round Table Discussions) – Non-CME Activities</td>
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<tr>
<td>1:30pm-3:00pm</td>
<td><strong>Session 313</strong> Update on Public Safety Medicine Standards and Practices</td>
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<td><strong>Session 312</strong> Realizing the Promise of HPM: A Leading Employer Makes New Strides with Implications for Health Care Reform</td>
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<td><strong>Session 311-R</strong> Adult Onset Asthma: Chemicals, Colds, Coincidence, and Confounders Decisions</td>
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<td><strong>Session 314-R</strong> A Multidisciplinary View on Return-to-Work</td>
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<td><strong>Session 310-R</strong> The Toxicology of Hydraulic Fracturing for Natural Gas Extraction</td>
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<td><strong>Session 315</strong> Moving Beyond the Battle: Updates in Deployment Health, Env. Exposure in Theater, and Civil Health Reconstruction</td>
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<td>3:00pm-3:30pm</td>
<td>Break</td>
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<td>3:30pm-5:00pm</td>
<td><strong>Session 313, Continued</strong></td>
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<td><strong>Session 317-R</strong> Occupational Carcinogens in the Modern Age: Agents, Industries, Safe Exposure Levels, and Lifestyle Interactions</td>
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<td><strong>Session 314, Continued</strong></td>
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<td><strong>Session 316</strong> NIOSH Research in Unconventional Oil &amp; Gas (Hydraulic Fracturing Industry)</td>
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<td>5:15pm-6:15pm</td>
<td><strong>Session 318</strong> - ACOEM’s Maintenance of Certification Part IV Program: What Re-certifying ABPM Diplomates Need to Know</td>
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</table>

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### Day 4: Wednesday, May 1, 2013

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 400-R</th>
<th>Session 402-R</th>
<th>Session 403-R</th>
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<tbody>
<tr>
<td>7:00am-8:30am</td>
<td>Maximizing the Health of an Aging Workforce</td>
<td>Protocol for Evaluation of Bloodborne Pathogen Exposures</td>
<td>Medication in the Workplace: Fitness-for-Duty, Pain Management, and Abuse Issues</td>
</tr>
<tr>
<td>8:00am-10:00am</td>
<td><strong>Session 404</strong> - ACOEM Annual Membership Meeting &amp; Breakfast W.B. Patterson Memorial Presentation – Sandra Schneider, MD</td>
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<td>10:00am-10:15am</td>
<td>Break</td>
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<tr>
<td>10:15am-11:15am</td>
<td><strong>Session 405</strong> Update from NIOSH Total Worker HealthTM Program</td>
<td><strong>Session 406-R</strong> How Can Electronic Health Records Better Meet the Needs of a Multifaceted Occupational Health and Safety Practice</td>
<td><strong>Session 407-R</strong> Hands-on Orthopedic Expertise: Knee (CP-128)</td>
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<tr>
<td>11:15am-11:30am</td>
<td>Break</td>
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<tr>
<td>11:30am-12:30pm</td>
<td><strong>Session 408</strong> Healthy Workforce Now: A Look at ACOEM’s National Advocacy Initiatives Promoting OEM</td>
<td>Session 406, Continued</td>
<td>Session 407, Continued</td>
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### Post-Conference Courses

**POST-CONFERENCE COURSES: THURSDAY, MAY 2, 2013 (additional fee required)**

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<tr>
<th>Time</th>
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<th>Session 403-R</th>
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<tbody>
<tr>
<td>8:00am-5:00pm</td>
<td>Work Disability Prevention for Clinicians: Your Role in the SAW/RTW Process</td>
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<tr>
<td>8:00am-12:00pm</td>
<td>Medicolegal Issues for Independent Medical Examiners &amp; Expert Witnesses: A Workshop</td>
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ACOEM LEADERSHIP

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Speaker
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Speaker-Elect
James W. Butler, MD, MPH, FACOEM

Recorder
Paul J. Papanek, MD, MPH, FACOEM

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Michael G. Holland, MD, FACOEM, FAACT, FACMT, FACEP

Committee Members
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Ronald R. Loeppke, MD, MPH, FACOEM
Paul J. Papanek, MD, MPH, FACOEM
Pre-and-Post-Conference Courses

Pre-and-post-conference courses are designed to enrich participant’s understanding of concepts and issues related to OEM, giving physicians the knowledge necessary to sustain a competitive edge. Content is driven by research, the latest in regulatory issues, and the expertise of the faculty. Pre-registration is strongly encouraged; a separate registration fee is required.

Friday-Saturday, April 26-27, 2013
8:00am-5:00pm

MRO Comprehensive Course..........................CME/MOC: 15
Course Director: Kent W. Peterson, MD, MRO, FACOEM*
This course offers current and aspiring medical review officers (MROs) an excellent opportunity to increase and update their knowledge and familiarity with changes in substance abuse testing and federal regulations affecting the role of MROs. ACOEM has been the educational provider of choice for MROs since 1990. More than 13,000 physicians have completed ACOEM’s highly acclaimed training. The Medical Review Officer Certification Council (MROCC) holds its certifying exam following the ACOEM course. For exam registration and details visit www.mrocc.org.

Occupational Medicine Board Review
............................................................. CME/MOC: 15
Course Director: John Meyer, MD, MPH*
If you are striving to reach—or maintain—the definitive credential in your profession—occupational medicine certification by the American Board of Preventive Medicine (ABPM)—look no further for expert assistance and instruction. Now you can prepare confidently for the certifying or recertifying examination. By taking the ACOEM Occupational Medicine Board Review course, you can refresh your knowledge of the exam’s content, identify strengths and weaknesses in your preparation, and learn how to concentrate on areas needing more review. The ABPM hosts a Maintenance of Certification exam at the conclusion of ACOEM’s course. For exam registration and details visit www.theabpm.org.

Foundations of Occupational Medicine—
Segment 2 ................................................. CME/MOC: 15
Course Director: Chris Stewart-Patterson, MD*
For physicians interested in—but not particularly familiar with—occupational medicine (OM), ACOEM’s Foundation of Occupational Medicine courses provide an excellent and comprehensive introduction. Segment 2 focuses on the fundamentals of industrial hygiene, infectious diseases, and chronic pain, among other topics.

Saturday, April 27, 2013
8:00am-4:45pm

Commercial Driver Medical Examiner Course
............................................................. CME/MOC: 7.25
Course Director: Natalie P. Hartenbaum, MD, MPH, FACOEM*
The ACOEM Commercial Driver Medical Examiner course has been updated to meet the core curriculum requirements for medical examiner training, in accordance with the Federal Motor Carrier Safety Administration (FMCSA). Upon satisfactory completion of this course, those eligible to serve as examiners would be prepared and able to sit for the National Registry of Certified Medical Examiners (NRCME) certification examination.

Saturday, April 27, 2013
8:00am-5:00pm

Spirometry Testing in Occupational Health—
Physician Update ............................................. CME/MOC: 7.5
Course Director: Mary Townsend, DrPH*
Occupational medicine physicians frequently use spirometry in their practices, but their training rarely prepares them to appreciate the impact of spirometry’s technical pitfalls, nor does it introduce them to optimal spirometry interpretation algorithms. Practitioners may also have to select supplementary diagnostic tests to rule out or establish a diagnosis of lung disease, without understanding the pitfalls involved in these additional tests. This ACOEM course addresses both of these limitations, drawing information on spirometry from a comprehensive NIOSH-approved course, and selecting case examples for a physician audience to illustrate the roles of spirometry and other diagnostic tests in the evaluation of workers for occupational lung disease. This course confers no NIOSH spirometry certification.

Thursday, May 2, 2013
8:00am-5:00pm

Work Disability Prevention for Clinicians: Mastering your Role in the SAW/RTW Process ............................................................. CME/MOC: 7.5
Course Director: Jennifer Christian, MD, MPH*
Making decisions about return to work is among the most challenging, and often frustrating, tasks that physicians are asked to do. This course will build your confidence that you can provide accurate guidance about ability to work, medical restrictions, and functional limitations to patients, their employers, insurers, and government agencies.

Thursday, May 2, 2013
8:00am-12:00pm

Medicolegal Issues for Independent Medical Examiners & Expert Witnesses: A Workshops ............................................................. CME/MOC: 4.0
Course Director: Prof. Mohammed I. Ranavaya, MD, JD, MS, FRCPI, FFDM, FFME
This 4-hour workshop is designed to teach physicians who perform independent medical examinations and serve as expert witnesses the skills critical to effectively deal with lawyers and the legal system.
### Sunday: 7:30 a.m.-8:30 a.m.

**Session 099**

**New Member Orientation**

**TRACK:** Other

Are you a potential or new member of ACOEM? Are you a current member who would like to become more involved? Then come to this informal event and network with component, section, and national leaders of the College. Discover ways to get involved and reach the maximum potential of your membership. Continental breakfast will be served.

### Sunday: 8:00 a.m.-9:30 a.m.

**Session 098**

**e-Wellness and Telehealth: Avoid Becoming Road Kill on the Information Superhighway**

**TRACK:** OEM Education and Scientific Research

_**Kent W. Peterson,** MD, FACOEM*
  Occupational Health Strategies, Charlottesville, VA

As EMR’s grow and portable devices shrink, we must keep up not only with the knowledge revolution, but with the exploding media through which knowledge is delivered. After defining e-, memes, and cyber-chondria, we will explore current models that are delivering wellness virtually. State-of-the-art examples will include non-commercial health information, wellness assessments, health skill development, health coaching, and risk/disease management. After a stretch break, we will explore four communication revolutions and their impact on the human brain, and envision where the fields of e-health and telemedicine are heading. By the end, we will form a puppy-pile of curiosity, dialog and Q&A about the road ahead.

### Sunday: 8:00 a.m.-12:15 p.m.

**Session 101**

**The Future of Occupational Medicine: Where Will Our Expert Practitioners Come From**

**TRACK:** OEM Education and Scientific Research

_**Arch I. “Chip” Carson,** MD, PhD*(MODERATOR)_
  University of Texas Health Science Center, Houston, TX

_**George L. Delclos,** MD, MPH, PhD*
  The University of Texas School of Public Health, Houston, TX

_**Timothy M. Mallon,** MD, MPH, FACOEM*
  Uniformed Services University, Bethesda, MD

This session addresses national concerns related to the ongoing shortage of occupational medicine and allied occupational health professionals and speculates from several different perspectives on the future of our specialty, projected long-term needs and potential solutions. Effects on state and national regulations, insurance reimbursement and sustainability of training programs will be discussed. This session is sponsored by the Academic Occupational Medicine Special Interest Section.

### Sunday: 9:30 a.m. - 11:30 a.m.

**Session 102-R**

**International Travel Health Issues**

**TRACK:** OEM Clinical Practice

_**Amy J. Behrman,** MD*(MODERATOR)_
  University of Pennsylvania, Perelman School of Medicine, Philadelphia, PA

_**Elaine C. Jong,** MD, FIDSA*
  University of Washington, School of Medicine, Seattle, WA

_**Craig Karpillow,** MD, MPH, FACOEM, FRSTM&H, MRO, CAME, DME*
  Workplace Medical Corporation, Toronto, Ontario, Canada

_**Suzanne M. Shepherd,** MD*
  Hospital of the University of Pennsylvania, Philadelphia, PA

_**William H. Shoff,** MD, DTM&H, CPC*
  University of Pennsylvania, Perelman School of Medicine, Philadelphia, PA

_**Leslie M. Yee,** MD, MPH, FACP, FACPM, FACOEM*(MODERATOR)*
  Skylark Health Strategies, Ltd, Cincinnati, OH

Physicians supporting multinational corporations, government agencies, NGOs, and other transnational organizations must remain current on immunizations and other travel health precautions to protect their expatriates and international travelers as well as their local national employees in many countries. Clinicians with patients who travel or relocate internationally have this same challenge. Knowledge of the unique health risks of specific geographic settings may also be a critical element in setting decisions for international facilities. This session will address a number of important international travel health issues for the OEM professional, including current vaccine updates, pre-exposure prophylaxis and post-exposure management, the needs of immune-compromised and other medically complex travelers, and medical implications of eco-tourism. Special travel health risks confronting occupational groups such as healthcare workers and academics who do remote research. This session may be of particular interest to residents and recent graduates. This session is sponsored by the International Special Interest Section.

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2013 American Occupational Health Conference   |  9
Concurrent Conference Sessions

Sunday, April 28, 2013

Sunday: 10:00 a.m.-12:00 p.m.

Session 103................................. CME/MOC: 2.0
Overcoming Death by PowerPoint: Thirteen Practical Ways to Enliven Your Presentation Using Experiential Learning Methods
TRACK: OEM Education and Scientific Research

Kent W. Peterson, MD, FACOEM*
Occupational Health Strategies, Charlottesville, VA

In this fun, fast-paced presentation participants will learn—and personally experience—a baker’s dozen of simple, practical ways to spice up presentations while teaching occupational and environmental medicine topics. Based on principles of adult education and experiential learning, this session can forever change the way you approach preparing presentations for audiences, who too often sit passively for 55 minutes each hour, hoping one or two questions allowed at the end will be relevant learning. Learn from Albert Einstein, who said, “It is, in fact, nothing short of a miracle that the modern methods of instruction have not entirely strangled the holy curiosity of inquiry.” We can do better as teachers. This session will go a long way to helping you get started.

Sunday: 3:15 p.m.-4:15 p.m.

Session 105-R............................... CME/MOC: 1.0
Pesticides and Biomonitoring: The Growing Divide Between Epidemiology and Clinical Toxicology
TRACK: Environmental Health and Risk Management

Daniel L. Sudakin, MD, MPH, FACOEM, FACMT*
Oregon State University, Department of Environmental and Molecular Toxicology, Corvallis, OR

The development and validation of biomarkers of human exposure to environmental chemicals often moves faster than the medical community’s ability to understand and interpret their health relevance. Clinicians need to have an understanding of the potential health implications of the clinical laboratory tests they order, including biomarkers of exposure to pesticides. This presentation will inform the audience of the toxicology of two important classifications of insecticides. Attendees will learn about biomarkers of exposure and effect that have been developed for these pesticides, with an emphasis on their clinical applications and limitations. This session may be of particular interest to residents and recent graduates.

AOHC Opening General Session

Sunday: 1:30 p.m.-3:00 p.m.

Session 104 .................. CME/MOC: 1.0
AOHC Opening General Session
TRACK: Other

Welcome to the 98th annual meeting of the American College of Occupational and Environmental Medicine. The opening session will feature presentation of the ACOEM annual awards followed by the C. O. Sappington Memorial Lecture. The lecture was named for Clarence Olds Sappington, MD, DrPH (1889-1949), a noted consultant in occupational diseases and industrial hygiene. This memorial lecture, presented annually at AOHC, was created in 1954 to honor this pioneer and serves as a forum to address major issues in occupational and environmental medicine. This year’s Sappington lecture will be given by Paul Grundy, MD, MPH, FACOEM from IBM Corporation on “Patient Centered Medical Home.”

Session 106-R............................... CME/MOC: 1.0
The Independent Medical Examination
TRACK: Regulatory, Legal, Military, and Governmental OEM

Douglas W. Martin, MD, FACOEM, FAADEP, FAAFP*
St. Luke’s Center for Occupational Health Excellence, Sioux City, IA

This lecture will cover the foundations of IME provision with discussion of common reasons why an IME is requested. Medico-legal implications for an IME will be covered. A standard format for history taking and a physical examination will also be covered along with tips on how to craft a quality IME report. This session may be of particular interest to residents and recent graduates. This session is sponsored by the Private Practice in Occupational Medicine Special Interest Section.

Session 107 .................. CME/MOC: 1.0
The Numbers of Medicine
TRACK: OEM Education and Scientific Research

Michael H. LeWitt, MD, MPH*
Private Practice, Devon, PA

This session will train the physician or advanced clinical practitioner in the science of reading the medical literature and understanding the terms and impact of what is read.

Session 108-R............................... CME/MOC: 1.0
Individual Scientific Abstracts
TRACK: OEM Education and Scientific Research

Rahila T. Andrews, MD* (MODERATOR)
Mercy Regional Health Center, Manhattan, KS
Alberto Caban-Martinez, DO, PhD, MPH, CPH* (MODERATOR)
Harvard University, School of Public Health, Boston, MA

The objective of this session is to present important research findings on current occupational and environmental topics. All presentations were selected through a peer-review process of submitted abstracts to ensure the highest quality science and relevance. This session may be of particular interest to residents and recent graduates.
Session 109: Excellence in Health Care: CHAA Award Presentations

**TRACK: OEM Education and Scientific Research**

This session will present and discuss award-winning programs of the 2013 Corporate Health Achievement Award (CHAA) and the Exemplary Practice Citation recipients. Winning organizations demonstrate not only outstanding comprehensive health, safety and environmental management programs, but metrics that track changes over time. The 2013 recipients will highlight model practices designed to protect the health and safety of their workforces. This session provides excellent case studies for those interested in implementing health and wellness programs.

Session 110-R: Low Back Pain: Thinking Outside the Disc

**TRACK: OEM Clinical Practice**

John G. Sandness, MD, MS, FACOEM*
  Physical and Occupational Medicine Associates, PA, Bloomington, MN

Low back pain is one of the most common, challenging, costly, and controversial conditions treated by occupational medicine specialists. This session will review recent research on low back pain; demonstrate how applying a knowledge of anatomy, physiology, and biomechanics can give us a deeper understanding of normal function; explain what can go wrong with these mechanisms to produce symptoms of low back pain; and show how a careful, expanded physical examination can help us formulate a more specific diagnosis, and guide rational treatment. This session may be of particular interest to residents and recent graduates.

Session 111-R: Medical Center Occupational Health: Expanding the Care Delivery Model

**TRACK: OEM Clinical Practice**

Josette Boukhalil, MD, MPH*
  Baptist Health South Florida, Miami, FL

Robert K. McLellan, MD, MPH, FACOEM*
  Dartmouth-Hitchcock, Lebanon, NH

Mark Russi, MD, MPH* (MODERATOR)
  Yale-New Haven Hospital, Yale University, New Haven, CT

Medical center occupational health programs are well positioned to offer a range of services beyond the traditional care of work-related injuries. Worksite-based coordination of general medical care and a broad range of wellness services are among topical areas with which medical center occupational health physicians should gain familiarity and practical knowledge. Such knowledge takes on a renewed relevance for medical center-based physicians under current provision of the Affordable Care Act. During this session, faculties who have spearheaded expansions of service to address population health and primary care will present their experiences, address program development, describe challenges they have encountered, tally successes to date, and discuss expanded medical center-based services under current healthcare legislation. This session may be of particular interest to residents and recent graduates. This session is sponsored by the Medical Center Occupational Health Special Interest Section.

Sunday: 4:30 p.m.-5:30 p.m.

Session 112-R: The Use of Interferon-gamma Release Assay (IGRA) Testing in Evaluation and Prophylaxis of LTBI

**TRACK: OEM Clinical Practice**

Tanisha Taylor, MD, MPH, FACOEM*
  Barnabas Health Corporate Care, Lakewood, NJ

This session will review best practice approaches to the evaluation of employees with tuberculin skin testing and IGRA, the advantages and disadvantages of each test at the molecular, clinical, and administrative levels and explore whether IGRA testing is more reliable in eliminating inappropriate prophylaxis in individuals with exposure to nontuberculous mycobacteria. This session will also explore the utilization of IGRA in screening for LTBI and whether Rifampin is an acceptable alternative to isoniazid in employees who may have issues with adherence to a nine month regimen. HIV testing in evaluation of LTBI in the employment setting will also be discussed. This session may be of particular interest to residents and recent graduates.

Session 113: Public Health ACPM and Occupational Medicine

**TRACK: OEM Clinical Practice**

Halley S. Faust, MD, MPH, FACPM
  American College of Preventive Medicine, Santa Fe, NM

In the U.S., treatment takes priority over prevention. This imbalance is driven partially by lack of innovation in the provision of preventive services, and partially by policy-makers and individuals’ inability to imagine the consequences of the lack of prevention. How might this imbalance be corrected?

Session 114: ACOEM Court Rides Again

**TRACK: Management and Administration in OEM**

Robert C. Blink, MD, MPH*
  Worksite Partners Medical Group, Inc., San Francisco, CA

Costantine J. Gean, MD, MS, MBA, FACOEM*
  Liberty Mutual Insurance, Glendale, CA

Walter S. Newman, Jr., MD* (MODERATOR)
  The Newman Medical Group, San Jose, CA

This session will present three to five real cases of employees who have been hired, fired, or not-accommodated in the workplace. Two ACOEM physicians will serve as “attorneys” arguing the cases, along with an ACOEM judge. Audience will then vote and the real case decisions will be presented.

Session 115-R: Individual Scientific Abstracts

**TRACK: OEM Education and Scientific Research**

The objective of this session is to present important research findings on current occupational and environmental topics. All presentations were selected through a peer-review process of submitted abstracts to ensure the highest quality science and relevance. This session may be of particular interest to residents and recent graduates.
Concurrent Conference Sessions

Sunday, April 28, 2013
Monday, April 29, 2013

Sunday: 5:30 p.m.-7:30 p.m.

Abstract Poster Presentations .................. CME/MOC: 0
TRACK: Other

Authors of both resident and individual scientific abstracts will be available to present and discuss their research.

Sunday: 7:30 p.m.-8:30 p.m.

Session 117 ........................................... CME/MOC: 1.0
SOM International Panel Discussion
TRACK: Other

Karl Auerbach, MD, MBA, MS, FACOEM*
Pulse Occupational Medicine, Rochester, NY

This session will allow the attendee to participate in a candid discussion of issues impacting occupational and environmental medicine on an international level.

Monday: 7:00 a.m.-8:00 a.m.

Session 200 ........................................... CME/MOC: 1.0
Interstate Professional Practice Considerations
TRACK: Management and Administration in OEM

Robert J. Wolin, JD, MHA, MBA
BakerHostetler, Houston, TX

This session will discuss what constitutes the practice of medicine within a state, as well as limitations on the dispensing of drugs. Licensure on telemedicine physician, administrative medicine, nursing, interstate nurse compact, telemedicine tele-presenters, other professionals will be discussed, along with exceptions such as peer consultation.

Session 201-R ........................................ CME/MOC: 1.0
Ergonomic Job Analysis Methods: Objective Support for Occupational Medicine
TRACK: Other

R. Todd Brown, PhD* (MODERATOR)
Industrial Ergonomics and Safety Applications, LLC, Jacksonville, FL
George B. Page
Page Engineering, Inc., Jackson, MI

Ergonomic job analysis methods offer the means to quantify job/task physical requirements and inform the decision process of occupational medicine professionals. Job analysis protocols commonly employed by ergonomists are presented. The validity of the information developed from these approaches is assessed, and the limitations, utility, and relevance of these techniques are addressed. Data obtained from the application of these methodologies during the professional practice of the program faculty are reviewed to illustrate the breadth and detail of information provided by these various approaches. The role of ergonomics and ergonomic job analysis methods in the support of comprehensive occupational medicine practice is discussed.

Session 202-R ........................................ CME/MOC: 1.0
Drowsy Drivers, Sleepy Workers, and OEM Practice
TRACK: OEM Clinical Practice

Kevin Byrne, MD, MPH, FACOEM*
Department of Navy, San Diego, CA
Brian D. Harrison, MD, FACOEM*
Affinity Occupational Health, Menasha, WI

Inadequate quantity or quality of sleep frequently impacts the performance of drivers and workers engaged in safety sensitive work. Sleep disordered breathing will be discussed in detail, from upper airway resistance syndrome to severe obstructive and central sleep apnea. Participants will recognize and differentiate the various sleep disorders and apply behavioral and pharmacologic treatment options. Challenges facing drivers and physicians conducting obstructive sleep apnea screenings will be discussed. This session may be of particular interest to residents and recent graduates.
Session 203-R................................. CME/MOC: 1.0
Becoming Board Certified and Maintaining Board Certification in Occupational Medicine
TRACK: Other

William W. Greaves, MD, MSPH, FACOEM, FACPM*
American Board of Preventive Medicine, Chicago, IL
Kristine D. Pasciak
American Board of Preventive Medicine, Chicago, IL
R. W. Stout, MD, MPH, FACOEM, FACPM, FAAFP*
American Board of Preventive Medicine, Chicago, IL

Members of the American Board of Preventive Medicine will be on hand to discuss specifics regarding the rules for acceptance as a candidate to sit for the initial certification examination, as well as for the four parts required for recertification under Maintenance of Certification: professionalism, lifelong learning, cognitive examination, and practice performance. Extensive Q&A with attendees has been a hallmark of this session. Additional information is available on the ABPM web site at www.theabpm.org. This session may be of particular interest to residents and recent graduates.

Session 204 ........................................... CME/MOC: 1.0
Becoming an ACOeM fellow
TRACK: Other

Natalie P. Hartenbaum, MD, MPH, FACOEM*
OccuMedix, Inc., Dresher, PA

The status of Fellow is the highest classification of membership in ACOEM. Fellowship distinguishes and recognizes members of the College for their training, accomplishments, and experience in occupational medicine at the national, component, and local levels, as well as the member’s academic and scientific contributions. The Committee of Fellowship Examiners feels passionately that the College needs more Fellows and that those who are making significant contributions to the College and the field of occupational and environmental medicine deserve special recognition. Come to this session to learn about the application process of Fellowship. This session may be of particular interest to residents and recent graduates. Be an “Early Bird” and earn an extra hour of CME by attending this free session! Coffee will be provided.

Session 205-R............................. CME/MOC: 1.0
The Past is the Present
TRACK: OEM Clinical Practice

Bernard R. Blais, MD, FACOEM*
Blais Consulting, Ltd., Clifton Park, NY
James W. Butler, MD, MPH, FACOEM, FAAsMA*(MODERATOR)
Orthopedic Associates, Evansville, IN
Roy L. DeHart, MD, MPH, FACOEM*
Vanderbilt University Medical Center, Nashville, TN
Robert R. Orford, MD, CS, MS, MPH, FACOEM*
Mayo Clinic, Scottsdale, AZ

With short reviews of past OEM history, we intend to help the audience begin to develop a deeper understanding of what came before us, and hopefully lead them to study more of the past accomplishments. There will be four short discussions connected with vignettes from A Blind Hog’s Acorns by Dr. Carey P. McCord (1886–1979). This session may be of particular interest to residents and recent graduates.
Monday: 8:30 a.m.-10:00 a.m.

Session 206-R........................................... CME/MOC: 1.5
Communication and the Occupational Medicine Physician
TRACK: Management and Administration in OEM

Frank H. Leone, MBA, MPH*
RYAN Associates, Santa Barbara, CA

The OEM physician communicates with multiple constituencies and the nature of the communication is often complex and potentially contentious. Session participants will learn how to better communicate with multiple groups including patients, employers, fellow practitioners, team members, and the community at large. Focus will also be on providing easily digestible and pragmatic tips that promise to profoundly enhance a practitioner's overall contribution in virtually any occupational medicine delivery setting. This session may be of particular interest to residents and recent graduates.

Session 207-R........................................... CME/MOC: 1.5
How to Avoid the Bermuda Triangle of Employment Laws
TRACK: Other

Don Phin, Esq.
HR That Works, Coronado, CA

Are you prepared to help employers and patients wade their way through the myriad legal challenges encountered with pre-hire physicals/fitness-for-duty exams, workers’ comp light duty, ADA accommodation, and FMLA medical leave? In this session, a veteran employment law attorney will share insights on the legal traps faced as well as the financial opportunity available in working with employers and others. All attendees will receive a packet of forms and checklists that they can immediately put to use in their practice. This session may be of particular interest to residents and recent graduates.

Session 208........................................... CME/MOC: 1.5
How Do You Measure Excellence and how to Achieve Preventive/Clinical Goals for Your Patient Population
TRACK: Management and Administration in OEM

Earl J. Campazzi, Jr., MD, MPH, MBA*
Island Medical Care, LLC, West Palm Beach, FL

Arlene Guzik, DNP, ARNP-BC, COHN-S, FAAOHN
Lakeside Occupational Medical Centers/
Business Health Resources, Dunedin, FL

This session will focus on the integration of a customer-focused approach that engages business leaders and stakeholders in an in-depth audit process of evaluating occupational health services. The findings of the audit then establish the course for continuous improvement in the consistency and quality of occupational health services. This session will also discuss applied mathematics, the math used to solve practical problems, as a key tool for meeting several goals simultaneously. Applied mathematics can provide answers to health system design and also suggestions on the most beneficial way to care for specific patients. It is more applicable to the care of populations than statistics.

Session 209 ........................................... CME/MOC: 1.5
A Brave New World of Learning: On-line Education on Disability Evaluation
TRACK: OEM Education and Scientific Research

Marianne Cloeren, MD, MPH, FACOEM* (MODERATOR)
Managed Care Advisors, Inc., Bethesda, MD

Robin Griffiths, MACOEM, FFOM, FFOMI, FAFOEM, FACAsM, MPP*
University of Otago, Wellington, New Zealand

Tom McCarthy, MA*
Booz Allen Hamilton, McLean, VA

Chris Stewart-Patterson, MD, CCBOM, FACOEM*
Khatshahiano Corporate Medical Services, Vancouver, BC

This highly interactive session will use real-time web demonstrations to explore several different online courses related to disability evaluation in several healthcare systems that engage OEM provides in clinical and vocational decision-making. This session will provide attendees with the opportunity to sample the range of currently available on-line disability evaluation/management courses and content, and learn about a wide range of clinical topics. This session will offer participants the opportunity to provide feedback on what they liked or disliked about each of the programs, which will help ACOEM refine its plans for on-line course offerings. This session is sponsored by the Council on Education and Academic Affairs.

Monday: 8:30 a.m.-12:00 p.m.

Session 210-R........................................... CME/MOC: 3.0
Commercial Driver Medical Examinations: Update and Beyond the Medical Examiner Handbook
TRACK: Regulatory, Legal, Military, and Governmental OEM

Natalie P. Hartenbaum, MD, MPH, FACOEM*
OccuMedix, Inc., Dresher, PA

Kurt T. Hegmann, MD, MPH, FACOEM*
Rocky Mountain Center for OEH, University of Utah, Salt Lake City, UT

Benisse Lester, MD, FACOEM*
Federal Motor Carrier Safety Administration, Washington, DC

Eric Wood, MD, MPH*
University of Utah Rocky Mountain Center for Occupational and Environmental Health, Salt Lake City, UT

This session will provide an update from the FMCSA on the National Registry of Certified Medical Examiners and other related issues. It will also heavily review complicated case studies and discuss resources that the medical examiner may want to consider in the determination process in addition to the FMCSA Medical Examiner Handbook. These will include a medical expert panel, medical review board, and other industry groups, along with medical literature. This session may be of particular interest to residents and recent graduates. This session is sponsored by the Transportation Special Interest Section.
Concurrent Conference Sessions

**Session 211-R**
**Resident Research Abstract Presentations**
**Track:** OEM Education and Scientific Research

**John D. Meyer,** MD, MPH, FACOEM*(Moderator)*
SUNY - Downstate School of Public Health, Brooklyn, NY

This program will provide residents in occupational and environmental medicine with a forum to present current and cutting-edge research in OEM. This session may be of particular interest to residents and recent graduates.

**Monday: 10:30 a.m.-12:00 p.m.**

**Session 212**
**Increasing Corporate Medical Director’s Impact on Health Benefits Strategy**
**Track:** Management and Administration in OEM

**Richard Feifer,** MD, MPH, FACP
Aetna, Hartford, CT

**Robert Goldsmith,** MD, MPH*
Novartis Pharmaceuticals Corporation, East Hanover, NJ

**Phillip J. Lerner,** MD, MPH, FACOEM*(Moderator)*
Aetna, Hartford, CT

**Bruce W. Sherman,** MD, FCCP, FACOEM*
Employers Health Coalition, Canton, OH

This session will present a review of a variety of health benefit strategies such as plan design, health risk identification, risk reduction, incentive strategies, and consumerism tools. The session will also discuss use of clinical metrics for evaluation, best practice models, and how corporate medical directors have successfully applied an integrated health care model to effectively collaborate with corporate benefits.

**Session 213**
**Social Media Workshop for OEM Providers**
**Track:** Other

**Marianne Cloeren,** MD, MPH, FACOEM*
Managed Care Advisors, Inc., Bethesda, MD

Most physicians think of social media sites (when they think of them at all) as time wasters primarily used for entertainment. This is a mistake. Social media sites such as Facebook and Twitter have shown that effectively networked communities can transmit important data and even bring new ideas to the forefront of cultural debate. Posting useful content in large groups on LinkedIn can mean that thousands of professionals related to your field will learn from you and recognize your expertise. OEM professionals not interested in business promotion may be interested in the opportunity to share thoughts and ideas with colleagues across the world who are using these tools. This highly interactive session will provide an overview of several of these sites and demonstrate their relevance to OEM practice, and provide tips for efficient and effective use by busy clinicians. This session is sponsored by the Council on OEM Practice.

**Session 214**
**Lumbar Fusion and Workers’ Compensation: Helping Patients Make Better Decisions**
**Track:** OEM Clinical Practice

**Michael Erdil,** MD, FACOEM*
Occupational and Environmental Health Network, Inc., Marlborough, MA

Low back pain is a major cause of lost work productivity and disability. Recent studies note a significant rise in complex lumbar spine fusions with some geographic trends. This session will discuss the fact that occupational health physicians must play a more prominent role in patient education before and after spine surgery referrals to assist patients with making informed choices.

**Session 215**
**Environmental Health Update: Introduction to Epigenetics**
**Track:** Environmental Health and Risk Management

**Jaspal S. Arora,** MD, MPH, MBA, FACOEM*(Moderator)*
Aurora Health Care, Hartford, WI

**Aubrey Miller,** MD, MPH*
National Institute of Environmental Health Sciences, National Institutes of Health, Bethesda, MD

This session will cover the basics of epigenetics and its current role in OEM. Attendees will better understand, diagnose, and treat diseases by enhancing their understanding and application of epigenetic information. This session is sponsored by the Environmental Health Special Interest Section.
Monday: 1:30 p.m.-3:00 p.m.

**Session 216-R............................. CME/MOC: 1.5**  
**Workplace Wellness and the Use of Outcomes Based Incentives**  
TRACK: Management and Administration in OEM

- **Alan J. Balch**, PhD  
  American Cancer Society, American Diabetes Association, American Heart Association, Atlanta, GA
- **Pamela Hymel**, MD, MPH, FACOEM* (MODERATOR)  
  Walt Disney Parks and Resorts, Anaheim, CA
- **Ronald Loeppke**, MD, MPH, FACOEM*  
  US Preventive Medicine, Inc., Brentwood, TN
- **Jerry Noyce**  
  Health Enhancement Research Organization, Minneapolis, MN
- **Laurie Whitsel**, PhD  
  American Heart Association, Washington, DC

This session provides guidance on appropriate use of outcomes-based incentives as part of reasonably designed wellness programs and will focus on the consensus statements developed by the HERO, ACOEM, ACS, AHA, and the ADA which involved a review of the literature, regulations, case studies, and other resources to help develop consensus on design elements through numerous group discussions. Recognizing the need to strike balance between needs of employers and employees in structuring incentive programs, the organizations compared their varying approaches and opinions in order to identify key areas of consensus. Presenters will discuss the elements of a reasonably designed wellness program that should be in place if outcomes-based incentives are deployed and identify strategies to help ensure that effective and fair programs are put in place and evaluated. This session may be of particular interest to residents and recent graduates. This session is sponsored by the Health and Productivity Special Interest Section.

**Session 217 ........................................ CME/MOC: 1.5**  
**Innovations in Public-Private Collaboration: Synergistic Approaches in Promoting the Health of the Public**  
TRACK: Other

- **James M. Galloway**, MD, FACP, FACC, FAHA  
  Northwestern University School of Medicine, Chicago, IL

Our nation’s success in achieving a higher level of international competitiveness within our business environment and the future our national economic status depends heavily on the development of healthy workforces, communities and populations. This, in turn, is largely dependent on the progress and dissemination of innovative business approaches focused on synergistic opportunities within the universes of commerce and public health - in addition to the development of newly imagined, cutting edge public and private partnerships. In this session, we will further explore these relationships and share current opportunities for growth and implementation.

**Session 218-R............................. CME/MOC: 1.5**  
**Merchant Mariner Medical Examinations: Updates and Case Reviews**  
TRACK: OEM Clinical Practice

- **Robert M. Bourgeois**, MD, MPH, FACOEM* (MODERATOR)  
  Bourgeois Medical Clinic, Morgan City, LA
- **Laura G. Gillis**, MD, MPH, FACOEM*  
  United States Coast Guard, Martinsburg, WV

Merchant mariner medical examinations are performed using the United States Coast Guard’s guidelines and regulations. This session will cover proper use of the guidelines and regulations, medical waivers for certain conditions, and medical information needed by the National Maritime Center to determine mariner fitness. Attendees will learn the most recent and proposed changes to the guidelines and regulations and will be given the tools to gather the information needed to answer the questions, “Is this mariner fit for sea duty?” This session may be of particular interest to residents and recent graduates. This session is sponsored by the Transportation Special Interest Section.

**Session 219-R............................. CME/MOC: 1.5**  
**Risks Associated with Hazardous Drugs in Healthcare Settings: Occupational Health Challenges Revisited**  
TRACK: Environmental Health and Risk Management

- **Thomas H. Connor**, PhD  
  NIOSH, Cincinnati, OH
- **Annie Lambert**, PharmD  
  MultiCare Regional Cancer Center, MultiCare Health System, Tacoma, WA
- **Elpidoforos S. Soteriades**, MD, SM, ScD* (MODERATOR)  
  Bank of Cyprus Oncology Center, Nicosia, Cyprus

This session will cover a broad range of topics including occupational exposures to hazardous drugs, preventive measures such as recommended engineering and administrative controls, and proper use of personal protective equipment (PPE), and environmental surveillance and employee biomonitoring. Also to be covered are issues on clinical management of exposed employees. All presentations will employ theoretical presentations and practical applications using illustrative case-studies and will be founded on state-of-the-art review of the relevant scientific literature. This session may be of particular interest to residents and recent graduates.
Monday: 1:30 p.m.-4:30 p.m.

**Worksite Visit 901** .......................... CME/MOC: 3.0
**A Culture of Safety and Wellness at Rosen Shingle Creek**
TRACK: Other

This worksite visit will allow participants to have the opportunity to see first-hand some of the requirements of various staff positions within a hotel, such as housekeepers, foodservice workers, and maintenance crews. Understand the key challenges for maintaining the health of this diverse work force. The tour will begin with a presentation on Rosen Hotel and Resorts’ Workplace Safety Programs, the employer based On-Site Health Services and the company’s Workout for Wellness Program. The presentation and tour will allow participants to have an inside look at Rosen Hotels and Resorts’ focus on prevention and outcomes, which enables insurance and health-care costs that are half the national average. Some walking surfaces may be wet. Therefore, footwear with adequate slip resistance is required. Due to the amount of walking, it is recommended that you do not bring bags or heavy items with you. Advanced registration required, additional fee applies.

Monday: 1:30 p.m.-5:00 p.m.

**Session 220-R** ................................. CME/MOC: 3.0
**OSHA-NIOSH Workplace Investigations**
TRACK: Regulatory, Legal, Military, and Governmental OEM

Patricia Bray, MD, MPH, FACOEM*
OSHA, Department of Labor, Washington, DC
Judith Eisenberg, MD, MS
NIOSH, Cincinnati, OH
Kathleen Fagan, MD, MPH* (MODERATOR)
OSHA, Washington, DC
Minda Nieblas, MD, MPH*
OSHA, Washington, DC
Elena Page, MD, MPH
NIOSH, Cincinnati, OH

OSHA and NIOSH will present findings of recent workplace investigations and health hazard evaluations. The presenters will describe the cases, the approaches to the investigations, the investigation results, and the recommendations to employers. Implications for occupational medicine practice, regulations, research, worker and employer education and public health will be explored, as relevant for each case. Time for questions and discussion will follow each presentation. This session may be of particular interest to residents and recent graduates.

**Session 221** ................................. CME/MOC: 3.0
**Issues in Early Screening & Intervention to Prevent Needless Work Disability**
TRACK: OEM Clinical Practice

Jennifer Christian, MD, MPH, FACOEM* (MODERATOR)
Webility Corporation, Wayland, MA
Roman P. Kownacki, MD, MPH, FACOEM*
Kaiser Permanente Northern California, Oakland, CA
Michael K. Nicholas, PhD, MAPS, FFPMANZCA(hon)
University of Sydney, Sydney, NSW, Australia

Attend this session if you want to incorporate two evidence-based best practices into your real world setting in order to improve clinical outcomes and reduce needless work disability. Pioneering speakers will share their nuts-and-bolts experience with putting screening programs in place to identify patients at increased risk for poor outcomes and prolonged work disability; and delivering early intervention services to those identified as high risk. The main focus of the session will be practical: what it takes to insert these new processes and practices into everyday operations on a routine basis and monitor their impact. This session is sponsored by the Work Fitness and Disability Special Interest Section.

Monday: 3:30 p.m.-5:00 p.m.

**Session 222-R** ................................. CME/MOC: 1.5
**Essential Leadership Competencies and Skills for the New OEM Physician**
TRACK: Management and Administration in OEM

Joseph F. Flynn, MBA
Occupational and Environmental Health Network, Inc., Marlborough, MA
Philip D. Parks, MD, MPH, FACOEM* (MODERATOR)
H21, LLC, Boston, MA

This session will address the critical professional and educational needs of today’s OEM physician. Topics to be covered include leadership and management principles, and hard (technical)/ soft (interpersonal) competencies and skills. Attendees will benefit from receiving a process map for personal, professional development and change that will accelerate their learning curve in leadership effectiveness. This session may be of particular interest to residents and recent graduates.

**Session 223** ................................. CME/MOC: 1.5
**FedStrive: Health Outcomes from a Comprehensive Worksite Wellness Program**
TRACK: Other

Herman Ellis, MD, MPH, FACOEM, FACPM*
Federal Occupational Health, Bethesda, MD
Mark Leffer, MD, MPH*
Federal Occupational Health, Bethesda, MD
Garry Lindsay, MPH, MCHES
Federal Occupational Health, Bethesda, MD
Gene Migliaccio, DrPH
Federal Occupational Health, Bethesda, MD

Data will be presented that documents the successes and challenges of the FedStrive program to date, and for the first three years of this pilot program in the federal government including changes in risk reduction and return on investment.
Concurrent Conference Sessions

Session 224-R ........................................ CME/MOC: 1.5
Hyperbaric Medicine Applications for the Occupational Physician
TRACK: OEM Clinical Practice

Tony Alleman, MD, MPH, FACOEM, UHM*(MODERATOR)
Occupational Medicine Clinics of South Louisiana, Lafayette, LA
Tracy LeGros, MD, PhD, UHM, FAAEM, FACEP
Louisiana State University UHM Fellowship, New Orleans, LA
Heather Murphy-Lavoie, MD, UHM, FAAEM, FACEP
Louisiana State University UHM Fellowship, New Orleans, LA

This session will cover selected indications of hyperbaric oxygen therapy for the occupational medicine physician. These will include carbon monoxide poisoning, cyanide poisoning, hydrogen sulfide poisoning, traumatic crush injuries, compromised flaps from traumatic injuries, and diving related indications such as decompression sickness and gas embolus. We will cover an overview of the illness or injury and present the hyperbaric treatment indications for each condition. This session may be of particular interest to residents and recent graduates.

Session 225 ........................................... CME/MOC: 1.5
OSHA Best Practices 2012: Spirometry Testing in Occupational Health Programs
TRACK: Environmental Health and Risk Management

Mary C. Townsend, DrPH*
M.C. Townsend Associates, LLC, Pittsburgh, PA

Occupational spirometry testing is often performed to comply with OSHA regulations and industry requirements. However, the technical quality of such testing is often mediocre, producing inaccurate results, and the interpretation of test results often fails to follow best practice guidelines. To address both of these problems, OSHA has recently released a Guidance Document on Spirometry Testing in Occupational Health Programs: Best Practices for Healthcare Professionals. OSHA was strongly influenced by ACOEM’s 2011 Spirometry Update. This session summarizes key points of the OSHA Guidance to familiarize occupational medicine practitioners with this new reference. This session is sponsored by the Lung Disorders Committee.

AOHC Special Session

Tuesday: 7:00 a.m.-8:00 a.m.
Session 300 ........................................... CME/MOC: 1.0
Update from NIOSH and OSHA
Join your fellow attendees for this AOHC special event. David Michaels, Assistant Secretary for Labor, Occupational Safety and Health Administration, and John Howard, Director of the National Institute for Occupational Safety and Health, will discuss emerging issues in occupational safety and health.

Tuesday: 8:00 a.m.-11:30 a.m.
Worksite Visit 902 .................................... CME/MOC: 3
Safety and Health of Animal Handlers at Disney’s Animal Kingdom
TRACK: Other

Michael Hankins, MD, MPH*
Walt Disney Parks and Resorts, Lake Buena Vista, FL
Pamela Hymel, MD, MPH, FACOEM* (MODERATOR)
Walt Disney Parks and Resorts, Anaheim, CA

This worksite visit will focus on the occupational health exposures encountered by animal handlers and veterinarians in a zoological setting, including the illnesses and injuries that can occur in this setting and the preventive measures implemented by the occupational health and veterinary teams. Additionally, there will be a backstage tour of the veterinary clinic, feeding areas, elephant barn, and other animal locations. Attendees must wear long pants, closed toed shoes, and bring a government issued photo ID. Advanced registration required, additional fee applies.

Tuesday: 8:30 a.m.-12:30 p.m.
Worksite Visit 903 ................................. CME/MOC: 3.0
Central Florida Fire Academy
TRACK: Other

Stanley C. Haines, MD, MPH, CIH, CSP FACOEM* (MODERATOR)
Private Practice, Orlando, FL
Daniel G. Samo, MD, FACOEM* (MODERATOR)
NMPG Corporate Health & Travel, Chicago, IL

This site visit to a major firefighter training facility will familiarize attendees with the activities involved in firefighting and the hazards encountered by firefighters (heat exhaustion, falls, musculoskeletal injury, etc.). Attendees will also learn about firefighter personal protective equipment, such as bunker gear (jacket, pants, boots, Nomex hoods) and SCBA air tanks, as well as the physical demands of firefighting (handling fire hoses, using forcible entry tools, etc.). In addition, there will be an opportunity to try out some of the firefighting equipment. Attendees must wear long pants, closed toed shoes; clothing should be worn that can get soiled. Advanced registration required, additional fee applies.

Social Event

Monday: 6:30 p.m.

We are developing an optional social event scheduled for the evening of Monday, April 29, and we’re working extra hard to make it fun and affordable. Details to come!
Tuesday: 8:30 a.m.-10:00 a.m.

Session 301........................................... CME/MOC: 1.5
Physical Therapy for Occupational Clinical Practice: 
A Hands-on Experience with Clinical Methodologies
TRACK: OEM Clinical Practice

David A. Hoyle, PT, MA, OCS, MTC, CEAS
Select Medical, Mechanicsburg, PA
Katie McBe, PT, DPT, OCS, MS, CEAS
Select Medical, Mechanicsburg, PA
Jamie Stark, PhD, CSCS* (MODERATOR)
Select Medical, Mechanicsburg, PA

Occupational medicine specialists frequently encounter workers with low back pain and refer to physical therapy as part of an overall treatment program. This session reviews clinical prediction rules, measures of psychosocial factors, physical examination findings, and treatment paradigms with the level of evidence that supports each. This session will result in the occupational medicine specialist understanding of physical therapy practice patterns and prognosis for recovery when prescribing physical therapy.

Session 303........................................... CME/MOC: 1.5
Leading to Value: Using a Consensus Definition of 
Healthcare Value and Value Measurement to Help 
Your Company Get More Health and Productivity
Spent on Benefits
TRACK: Management and Administration in OEM

Ahmad B. Naim, MD*
Johnson & Johnson/Janssen Scientific Affairs, LLC, Horsham, PA
Thomas Parry, PhD* (MODERATOR)
Integrated Benefits Institute, San Francisco, CA
Chuck Reynolds, MS*
The Benfield Group, St. Louis, MO

In this session, the following topics will be covered: situation assessment, focusing on factors that point to the opportunity and need for medical directors to help lead their companies’ health benefits supply chain; review findings from research completed in 2012, including self-insured employers and multi-stakeholder panel; review and discuss the elements of the Value Score, and how medical directors can lead implementation of the score within their company; and steps to lead value-focused discussions with internal and external stakeholders and instruction on use of the IBI benchmarking tool as a means to compel additional data collection, analysis, measurement and management.

Session 304........................................... CME/MOC: 1.5
Robert E. Mitchell Center for Prisoner of War Studies: 
Impacting the Selection and Training of Military 
Personnel in Occupations with High Risk of Capture
TRACK: Regulatory, Legal, Military, and Governmental OEM

Shannon Patrick Adams, DO, MPH, MS/LCDR MC(FS) USN (MODERATOR)
Naval Aerospace Medical Institute, Pensacola, FL
Wesley Christian Beauregard, MD, MPH
Naval Aerospace Medical Institute, Pensacola, FL
LCDR Randy Connolly, DO
Naval Aerospace Medical Institute, Pensacola, FL

Rod Hagerman, DO, MPH, MSHS, FAAFP, FACHE
Navy Aerospace Medical Institute, USN/USA, Pensacola, FL
Joseph J. Pavelites, MD, PhD
Naval Aerospace Medical Institute, Pensacola, FL

The Robert E. Mitchell Center (REMC) for Prisoner of War (POW) Studies is the only Department of Defense program responsible for monitoring the long term effects of captivity and torture on repatriated military members. The REMC continues a longitudinal study of former POWs that develops lessons learned used extensively in the development of Survival, Evasion, Resistance and Escape (SERE) curriculum and comprehensive military fitness including pre-employment medical standards. The center carries out research on resilience and its impact on physical and psychological diseases, as well as an ongoing collaboration with the VA for worker fitness, disability assessment and treatment. This series recounts the history of the REMC, describes its structure, clinical programs and collaborations, and illustrates the experience of the American POWs.

Tuesday: 8:30 a.m.-12:00 p.m.

Session 302........................................... CME/MOC: 3.0
Practice Management: Communication with Carriers, 
Coding, and Liability Coverage
TRACK: OEM Clinical Practice

Robert E. Bonner, MD, MPH, FACOEM* (MODERATOR)
The Hartford, Hartford, CT
John V. D’Alusio, BA, MA, ARM, SCLA
Global Impact Healthcare Management, Altamonte Spring, FL
Marsha S. Diamond, CPC, CPC-H, CCS
Medical Audit Resource Services, Inc., Orlando, FL
Marcos A. Iglesias, MD, MMM, FACOEM, FAAFP*
Midwest Employers Casualty Company, St. Louis, MO
Les P. Kertay, PhD, ABPP* (MODERATOR)
Lincoln Financial Group, Atlanta, GA
Kevin L. Trangle, MD, MBA, MHA, FACOEM*
IMEX Associates, Beachwood, OH
Sarah Shaver, MBA
Lincoln Financial Group, Omaha, NE

Factors that impact the success and financial stability of an OEM practice are multiple and unique. Join a panel of experts to explore the tried and true and the novel solutions to practice management issues. The panel will address issues such as coding and ICDM issues; selection of appropriate, expanded, practice liability coverage that includes medical director coverage and errors and omissions coverage; effective communications with patients and practice partners; and carrier interface, how to effect a mutually beneficial relationship. Let these experts help you get paid for what you do and keep what you earn.
Session 305 ............................................. CME/MOC: 3.0
Underserved Occupational Populations: Clinical, Regulatory, and Systems Issues
TRACK: Management and Administration in OEM

Sherry Baron, MD, MPH
NIOSH, Cincinnati, OH

Xochitl Castaneda
Health Initiative of the Americas, UC Berkeley School of Public Health, Berkeley, CA

Joseph A. Fortuna, MD* (MODERATOR)
PRISM, New Orleans, LA

Deliana Garcia, MA
Migrant Clinicians Network, Inc., Austin, TX

Bruce Goldstein, JD
Farmworker Justice, Washington, DC

Amy K. Liebman, MPA, MA
Migrant Clinicians Network, Salisbury, MD

Scott Morris, MD, MPH, FACOEM* (MODERATOR)
Nature First Medical Clinic, Gurnee, IL

Ismail Nabeel, MD, MPH, FACOEM*
Wexner Medical Center at Ohio State University, Columbus, OH

Marc B. Schenker, MD*
University of California, Davis, CA

Rosemary K. Sokas, MD, MOH, FACOEM*
Georgetown University Department of Human Science, Washington, DC

This session will examine the issues faced by low wage income, migrant workers and how they have been addressed. OH&S data for this population will be explored as well as OSHA’s efforts to provide safe work practice education to this hard-to-reach group of workers. During the second half of the session, focus will shift to non-clinical but critical factors which contribute to the poor personal and occupational health status of this underserved occupational population. The use of EMRs and medical-legal partnerships to deal with these inequities will be discussed. This session is sponsored by the Underserved Occupational Population Special Interest Section.

Session 306 ............................................. CME/MOC: 3.0
MRO Controversies
TRACK: Regulatory, Legal, Military, and Governmental OEM

Karl Auerbach, MD, MBA, MS, FACOEM*
Pulse Occupational Medicine, Rochester, NY

Natalie P. Hartenbaum, MD, MPH, FACOEM*
OccuMedix, Inc., Dresher, PA

Douglas W. Martin, MD, FACOEM, FAADEP, FAAFP*
St. Luke’s Center for Occupational Health Excellence, Sioux City, IA

Donna R. Smith, PhD
Employers Drug Program Management, Inc., Birmingham, AL

Colin Woods
DISA Global Solutions, Inc, Houston, TX

This session will bring together leaders in the drug and alcohol testing arena to discuss difficult and challenging problems encountered by the MRO. Such problems include the issues of spousal use of medications, the use of medical marijuana, and the increase in the use and misuse of prescription opioid medications. In addition to these challenges, speakers will address the “how to” process of navigating through a DOT audit and will bring a TPA and drug testing laboratory perspective to the policy issues that MROs are often asked about. Lastly, “MRO Jeopardy” will be presented which uses a fun, game-show-oriented teaching method to make participants aware of new and interesting information germane to the practicing MRO. This session is sponsored by the Medical Review Officers Special Interest Section.

Session 307-R........................................ CME/MOC: 1.5
Occupational Respiratory Disease: A Clinical Case-based Review
TRACK: OEM Clinical Practice

Clayton T. Colw, MD, MS, FACOEM, FCCP*
Mayo Clinic, Rochester, MN

This session utilizes a clinical case-based platform using interactions from the audience to recognize a variety of commonly encountered occupational lung conditions seen in an occupational medicine practice. Using a multi-disciplinary approach, the learner will be presented radiographic and pathologic data in reviewing a variety of cases from occupational airway diseases to interstitial lung diseases. This session may be of particular interest to residents and recent graduates.
Session 308........................................... CME/MOC: 1.5
The Value of Poison Control Centers to Occupational Medicine Practitioners
TRACK: Other

Cynthia R. Lewis-Younger, MD, MPH, FACMT*
Florida Poison Information Center, Tampa, FL

This session will highlight the current role of the poison centers in emergency preparedness and ongoing surveillance of trends in exposures to hazardous and toxic substances by discussing the roles of the poison centers in recent events such as the H1N1 outbreak, the Deepwater Horizon oil spill, the Fukushima Dia’ichi radiation release following the tsunami, and surveillance at the national political conventions. We will discuss the purposes of the centers and the value of their services and will provide occupational medicine physicians with an understanding of how the poison centers can be of benefit.

Session 309........................................... CME/MOC: 1.5
The Gulf Oil Spill: Worker and Community Health Update
TRACK: Environmental Health and Risk Management

Michael G. Holland, MD, FACOEM, FAACT, FACMT, FACEP* (MODERATOR)
SUNY Upstate Medical University, Syracuse, NY; Glens Falls Hospital Center for Occupational Health, Saratoga Springs, NY; Center for Toxicology and Environmental Health, North Little Rock, AR
John Kind, PhD
Center for Toxicology and Environmental Health, North Little Rock, AR
Glenn C. Millner, PhD
Center for Toxicology and Environmental Health, North Little Rock, AR

This session will discuss the Deepwater Horizon Oil Spill and its impact on water and air in and around the Gulf Coast, as well as the past monitoring results (originally described at AOHC 2011), including the potential for health effects seen in workers and the community. Faculty will describe current locations of monitoring stations and provide an update on current monitoring results.

Session 310-R........................................ CME/MOC: 1.5
The Toxicology of Hydraulic Fracturing for Natural Gas Extraction
TRACK: Environmental Health and Risk Management

Michael G. Holland, MD, FACOEM, FAACT, FACMT, FACEP* (MODERATOR)
SUNY Upstate Medical University, Syracuse, NY; Glens Falls Hospital Center for Occupational Health, Saratoga Springs, NY; Center for Toxicology and Environmental Health, North Little Rock, AR
John Kind, PhD
Center for Toxicology and Environmental Health, North Little Rock, AR

This session will cover the hydraulic fracturing (aka hydrofracking or fracking) process and the most common chemical and physical agents used in the process. Also to be discussed will be the toxicology of the commonly used agents and their potential or known health impacts on workers and the community, and their effects on local ecosystems. This session may be of particular interest to residents and recent graduates.

Session 311-R........................................ CME/MOC: 1.5
Adult Onset Asthma: Chemicals, Colds, Coincidence, and Confounders
TRACK: OEM Clinical Practice

James McCluskey, MD, MPH, PhD*
University of South Florida, Tampa, FL

Adult onset asthma is a ubiquitous disease, yet there are multiple clinical forms with potentially different underlying physiology and causes. The term “adult onset asthma” may include entities such as recurrent childhood asthma, work-exacerbated asthma, work-related asthma, RADS, as well as diseases that commonly mimic asthma. Appropriate ascertained of patient history, an understanding of various causes of asthma and symptoms, as well as a complete understanding of objective testing modalities is key to good patient outcomes. In this session, attendees will learn to distinguish the various forms of adult onset asthma by history, testing and clinical response. In addition, the recognition and diagnosis of diseases with symptoms that may mimic asthma will be discussed. This session may be of particular interest to residents and recent graduates.
Session 312 ................................. CME/MOC: 1.5
Realizing the Promise of HPM: A Leading Employer Makes New Strides with Implications for Health Care Reform
TRACK: Other

Harris Allen, PhD
Harris Allen Group, LLC, Brookline, MA
William Bunn, MD, JD, MPH*
Navistar, Inc., Lisle, IL
Pamela Hymel, MD, MPH, FACOEM*
Walt Disney Parks and Resorts, Anaheim, CA
Ahmad B. Naim, MD*
Johnson & Johnson/Janssen Scientific Affairs, LLC, Horsham, PA

This session will provide an overview the measurement and management components that comprise the company’s approach and describe the culture of health that they have fostered and discuss of the methods and findings of recent work to examine the impact of Navistar’s approach on total health burden, as well as review the research undertaken to grapple with the unique challenges that have emerged in relation to COPD. Highlight results on the burden of autoimmune disease on workforce performance and the insights that research has uncovered for how company benefits can help to reduce this burden will also be presented.

Tuesday: 1:30 p.m.-5:00 p.m.

Session 313 .................. CME/MOC: 3.0
Update on Public Safety Medicine Standards and Practice
TRACK: OEM Clinical Practice

Kris Arnold, MD, MPH, FACEP*
ArLac Health Services, Lexington, MA
Fabrice Czarnecki, MD, MA, MPH, FACOEM*
NMGP Public Safety Medicine, Chicago, IL
Thomas Hales, MD, MPH*
NIOSH, Cincinnati, OH
James J. Hill, MD, MPH, FACOEM*
University of North Carolina, Chapel Hill, NC
Elizabeth W. Mease, MD, MBA, FACOEM*
Medical Assessments, LLC, Cleveland, OH
Paul Parrish, MD, MPH* (MODERATOR)
Austin Fire Department, Austin, TX
Daniel G. Samo, MD, FACOEM*
Northwestern Memorial Physicians’ Group, Chicago, IL

This session is designed for those who need a comprehensive update in the latest occupational medicine guidance for firefighters, law enforcement officers (LEOs), and EMS workers. The new NFPA 1582 guidelines will be reviewed highlighting important additions and revisions in medical standards for fire fighters. And the new sections of the ACOEM Guidance for Medical Evaluation of LEOs on seizure and musculoskeletal disorders will be reviewed and explained. Another new section on medical support for LEOs at mass gatherings and other high-risk events will be explored. Finally an expert panel will discuss difficult, common public safety medicine cases and review applicable standards and medical decision making for the most challenging cases. This session is sponsored by the Public Safety Medicine Special Interest Section.

Session 314-R .............................. CME/MOC: 3.0
A Multidisciplinary View on Return-to-Work
TRACK: OEM Clinical Practice

Robert J. Barth, PhD*
Barth NeuroScience PC, Chattanooga, TN
Mark H. Hyman, MD, FACP, FADEP* (MODERATOR)
Mark H. Hyman, MD, Inc, Los Angeles, CA
James B. Talmage, MD, FADEP, FACOEM*
Division of Occupational Health, Meharry Medical College, Nashville, TN

The AMA Guides Companion book, Guides to the Evaluation of Work Ability and Return to Work, 2nd Edition, will be used as the basis for discussion in this session. Time will be spent on the spine, extremities, and internal medicine. One or more of the book editors will be present for Q&A. This session may be of particular interest to residents and recent graduates.

Session 315 ................................. CME/MOC: 3.0
Moving Beyond the Battle: Updates in Deployment Health, Environmental Exposures in Theater, and Civil Health Reconstruction
TRACK: Regulatory, Legal, Military, and Governmental OEM

J. S. Ahluwalia, MD, MPH*
US Army Medical Research Institute of Infectious Diseases, Ft. Detrick, MD
Clifton Dabbs, DO, MD*, US Army Public Health Command, Aberdeen Proven Ground, MD
Tifani Grizzell, MD, MPH* (MODERATOR)
Uniformed Services University, Bethesda, MD
Aatif M. Hayat, MD, MPH*
US Army Public Health Command, Aberdeen Proven Ground, MD
Ron Teichman, MD, MPH, FACOEM*
Teichman Occupational Health Associates, West Orange, NJ

Major efforts are in place to ensure that adequate screening occurs prior to and after deployment. This session will assist providers in understanding and being up to date on deployment medical screening. Environmental exposures during military operations and their known health effects will be reviewed as well as the association of certain exposures to be related to physical and behavioral health complaints. This will assist the provider in expanding their knowledge and ability to evaluate the health of those who have deployed and increase their ability to communicate risk. This session will address all of these issues and provide insightful case-studies on how to successfully promote public health priorities.
To date, most of the attention on hydraulic fracturing has focused on environmental issues. Although workplace safety hazards in the oil and gas industry have been documented, there is little published on health hazards to work crews. Initial NIOSH hazard assessments identified exposure to crystalline silica used as a proppant during hydraulic fracturing as the most significant known health hazard to workers and assessment of other hazards are being prioritized. This session will review the current state of knowledge of workplace health hazards in the hydraulic fracturing industry and discuss potential solutions to eliminate or minimize exposures.

When it comes to cancer, there are several clear risk factors, including lifestyle choices, as well as items that we have little or no control over, such as family history. In addition, there are well-known risk factors that may be encountered in select workplaces, including some chemicals and radiological hazards. It is estimated that there are ~20,000 cancer deaths per year that can be attributed to the workplace. Historical workplace carcinogens include asbestos, benzene and chromium, to name a few. Technological and materials science advances have expanded the list of potential occupational and environmental carcinogens. Review some interesting cases and make the decision for yourself. This session may be of particular interest to residents and recent graduates.
**Concurrent Conference Sessions**

**Wednesday, May 1, 2013**

**Wednesday: 7:00 a.m.-8:00 a.m.**

**Session 400-R........................................ CME/MOC: 1.0**

**Maximizing the Health of an Aging Workforce**

*TRACK: Management and Administration in OEM*

Pamela Allweiss, MD, MPH* (MODERATOR)
CDC, Atlanta, GA
L. Casey Chosewood, MD
NIOSH/CDC, Atlanta, GA
James W. Grosch, PhD
NIOSH/CDC, Cincinnati, OH

One of the most fundamental questions to be tackled in a national discussion about aging in the workplace is who will benefit from a new national focus on integration of health protection and promotion programs in the workplace and how can employers and employees adapt these programs to the ageing workforce. This session will discuss action steps and consensus statements on effective health promotion initiatives that can be aligned with workplace safety programming to create a true culture of health—with the goal of maximizing the productivity of an aging workforce while minimizing their health and injury risks and chronic health conditions. This session may be of particular interest to residents and recent graduates.

**Session 402-R........................................ CME/MOC: 1.0**

**Protocol for Evaluation of Bloodborne Pathogen Exposures**

*TRACK: OEM Clinical Practice*

James R. (Ron) Pace, BS, PA-C, DFAAPA*
Lakeside Medical Center - Regency, Orlando, FL

This will be a review of the recommendations for evaluation and treatment of an occupational exposure to bloodborne pathogens with the emphasis on setting up a standard protocol and medical record standardization. This will help clinics with multiple providers develop a system that can be utilized in handwritten records or adapted for EMR usage as well—and help ensure that all patients receive the same standard of care for evaluation of treatment and follow-up. This session may be of particular interest to residents and recent graduates.

**Wednesday: 7:00 a.m.-12:30 p.m.**

**Session 403-R........................................ CME/MOC: 3.0**

**Medications in the Workplace: Fitness-for-Duty, Pain Management, and Abuse Issues**

*TRACK: OEM Clinical Practice*

Tony Alleman, MD, MPH, FACOEM, UHM* (MODERATOR)
Occupational Medicine Clinics of South Louisiana, Lafayette, LA
Amanda Ruth Savoy-Phillips, MD, MPH, FACOEM, FAAFP*
LSU HSC UMC Department of Family Medicine, Lafayette, LA
Larry Studt, MD
St. Joseph’s Hospital, Chippewa Falls, WI

This session will cover current concepts in pain management techniques and medications; OTC and prescription use fitness-for-duty issues; and prescription drug abuse and the newer drugs of abuse—including bath salts and synthetic marijuana. This session may be of particular interest to residents and recent graduates. This session will break from 8:00 a.m.—10:15 a.m. so that participants may attend the ACOEM Annual Membership Meeting and Breakfast.

**ACOEM 98th Annual Membership Meeting and Breakfast**

**Wednesday: 8:00 a.m.-10:00 a.m.**

**Session 404 ........................................... CME/MOC: 1.0**

**ACOEM 98th Annual Membership Meeting and Breakfast**

*TRACK: Other*

Join your colleagues in honoring this year’s class of Fellows and to recognize the ACOEM Outstanding Achievement Award recipient. In addition, Sandra M. Schneider, MD, FACEP, from the University of Rochester, will present the William B. Patterson Memorial Lecture on “The Interface Between Emergency Medicine and Occupational Health.”

**Wednesday: 10:15 a.m.-11:15 a.m.**

**Session 405 ........................................... CME/MOC: 1.0**

**Update from the NIOSH Total Worker Health™ Program**

*TRACK: Management and Administration in OEM*

L. Casey Chosewood, MD
NIOSH/CDC, Atlanta, GA

In recognition that a multitude of work and non-work factors influence employees’ safety, health, ability to work, and well-being, the NIOSH Total Worker Health™ (TWH™) Program advocates the integration of workplace safety and health protection with the promotion of health and well-being. This type of integration can take many forms, ranging from communication between safety and health committees and health promotion committees that reside within different areas of an organization to integrated programs that address specific health or safety issues by focusing on both work and non-work contributing factors. In this session, we will discuss what it means to integrate safety and health protection and health promotion, taking both occupational and personal risk factors into account, using musculoskeletal disorders, insufficient sleep, and obesity as examples.
Concurrent Conference Sessions

Wednesday, May 1, 2013

Wednesday: 10:15 a.m.-12:30 p.m.

Session 406-R.............................CME/MOC: 2.0
How Can Electronic Health Records Better Meet the Needs of a Multifaceted Occupational Health and Safety Practice
TRACK: OEM Clinical Practice

Robert Harrison, MD, MPH*
University of California, San Francisco, CA
Lee Newman, MD, MA, FACOEM, FCCP* (MODERATOR)
Colorado School of Public Health/Axion Health, Inc.,
Aurora/Denver, CO
Bonnie Rogers, DrPH, COHN-S, LNCC, FAAN*
University of North Carolina, School of Public Health,
Chapel Hill, NC

Occupational health and safety (OHS) practice does not fit neatly into the technology framework of most electronic health record systems, requiring practitioners to adjust to existing systems and create work-around solutions. These difficulties derive from differences in OHS and conventional medical practice. OHS practice/EHR must accommodate workflow related to hazard-based assessments, certification exams, ability to manage exposure and prevention events/investigations, analyze medical screening and surveillance data, and individual patient care. Clinical decision support tools must consider workplace hazards, incorporate public health and regulatory recordkeeping guidance, partition worker health records, and OHS clinical best practice guidelines algorithms. This session will examine OHS-specific technology solutions and potential solutions using a variety of practice examples. This session may be of particular interest to residents and recent graduates.

Session 407-R.................................CME/MOC: 2.0
Hands-on Orthopedics Expertise: Knee
TRACK: OEM Clinical Practice

Phyllis A. Gerber, MD, FACOEM, FAADEP* (MODERATOR)
Biomotionlabs, Inc., LLC, Orlando, FL
Travis B. Van Dyke, MD, MS
Orlando Orthopaedic Center, Orlando, FL

Knee problems, both acute and chronic, are frequently evaluated and treated in the occupational medicine settings. A local orthopedic surgeon, an expert who evaluates and treats knee problems, will address time-proven and new evaluation and treatment options using the ACOEM Practice Guidelines as reference. This expert will speak from the perspective of a team physician, an athlete, and a medical professional who spends long hours on his feet. We have challenged our speaker to approach work-related issues, especially work that requires prolonged standing and walking, as a form of athleticism. This session will assist in making a paradigm shift toward more effective and efficient treatment decisions and will provide the necessary tools to motivate patients during their rehabilitation. Attendees interested in the evaluation and treatment of knee problems will enjoy this hand-on session and lively interaction with the faculty. This session may be of particular interest to residents and recent graduates.

Wednesday: 11:30 a.m. - 12:30 p.m.

Session 408........................................CME/MOC: 1.0
Healthy Workforce Now: A Look at ACOEM’s National Advocacy Initiatives Promoting OEM
TRACK: Other

Pamela Hymel, MD, MPH, FACOEM*
Walt Disney Parks and Resorts, Anaheim, CA
Robert K. McLellan, MD, MPH, FACOEM*
Dartmouth-Hitchcock, Lebanon, NH
Charles M. Yarborough, MD, MPH, FACOEM*
Lockheed Martin Corporation, Bethesda, MD

Physicians who practice OEM have the potential to significantly impact health reform efforts in the U.S., but the strong advantages they can bring to the nation’s health reform efforts are not widely understood. ACOEM has launched a national initiative, titled “Healthy Workforce Now,” that seeks to raise awareness of the fundamental role OEM physicians can play in a new paradigm of care that would better integrate care between homes, communities, and the workplace and deliver improved health outcomes and enhance value. This session will review ACOEM’s multi-pronged efforts to raise the visibility of OEM, ranging from advocacy in Washington, DC, to publication of white papers and distribution of educational resources.
ACOEM
Established in 1916, the American College of Occupational and Environmental Medicine (ACOEM) is the pre-eminent organization of occupational health professionals who champion the health and safety of workers, workplaces, and environments. Its mission is to provide leadership by educating health professionals and the public; stimulating research; enhancing the quality of practice; guiding public policy; and advancing the field of occupational and environmental medicine (OEM). In its leadership role, ACOEM sponsors educational activities for physicians and other health professionals, including courses and the annual spring AOHC.

AOHC 2013
The 2013 American Occupational Health Conference (AOHC) is ACOEM’s 98th Annual Meeting.

AOHC serves two fundamental purposes: it is the premier professional meeting for physicians and other health professionals who have an interest in the fields of occupational and environmental medicine (OEM); and it is the annual membership meeting for ACOEM’s members.

Educational Needs and Objectives
OEM is the medical specialty devoted to the prevention and management of occupational and environmental injury, illness, and disability, and the promotion of health and productivity of workers, their families, and communities.

ACOEM has identified ten core competencies in areas where the OEM-trained physician should strive to remain current and serve as a knowledgeable representative of the specialty. The ten core competencies are:

- Clinical Occupational and Environmental Medicine
- OEM Related Law and Regulations
- Environmental Health
- Work Fitness and Disability
- Toxicology
- Hazard Recognition, Evaluation, and Control
- Disaster Preparedness and Emergency Management
- Health and Productivity
- Public Health, Surveillance, and Disease Prevention
- OEM Related Management and Administration

The ACOEM CME mission is to provide educational activities that enhance the professional capabilities related directly to the professional work of physicians practicing occupational and environmental medicine and (1) to promote physician lifelong and self-directed learning, (2) to improve worker/patient clinical outcomes, and (3) to facilitate physician effectiveness and efficiency in carrying out professional responsibilities.

To address the educational needs of OEM physicians, AOHC is planned within the context of desirable physician attributes and aligned with the OEM core competencies.

AOHC content is designed to enhance physician competence and performance and to improve patient outcomes by providing learner-centered education in the most current issues relevant to the practice of OEM.

Upon completion of AOHC 2013, the learner should be able to:

- evaluate current research;
- analyze emerging issues in OEM; and
- Exemplify effectiveness and efficiency in carrying out professional responsibilities
**Target Audience**

AOHC is designed for physicians who specialize in or have an interest in OEM as well as for non-physicians, such as industrial hygienists, nurses, safety professionals, and environmental health specialists who are involved in the field. AOHC offers a variety of educational activities for participants new to OEM as well as for the experienced professional.

**ACCME Accreditation Statement**

“The American College of Occupational and Environmental Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.”

**AMA Credit Designation Statement**

“The American College of Occupational and Environmental Medicine designates this live activity for a maximum of 27.0 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.”

- **AAFP** – Application for credit has been submitted to the American Academy of Family Physicians.

- **ABPM** – Most AOHC sessions are eligible for ABPM MOC credits toward recertification with the American Board of Preventive Medicine. Those sessions are identified by “MOC.” The maximum number of ABPM MOC credits available for this educational activity is 27.0 and the course code is 958.

- **Doctors of Osteopathy** – This conference may be eligible for Category 2-A credit from the American Osteopathic Association.

- **Physician Assistants** – The American Academy of Physician Assistants and the National Commission on Certification of Physician Assistants accept AMA PRA Category 1 Credit(s)™ from organizations accredited by ACCME.

Attendees are also encouraged to consult their respective certifying associations/agencies for the conversion of AMA PRA approved credit to other educational credit.

**2013 AOHC Distance Learning Activity – More CME!**

Earn credit for sessions that you were unable to attend in person at this year’s conference by completing the 2013 AOHC Distance Learning Activity. This activity will be available in summer 2013 and will require purchase and use of the AOHC 2013 conference recordings. Additional fees may apply for credit requested.

**Disclaimer**

The ideas represented in presentations at AOHC 2013 do not necessarily reflect ACOEM positions. ACOEM disclaims responsibility or liability for all products, services, or information presented at AOHC 2013. ACOEM does not endorse any product or service exhibited, nor necessarily support the content contained in the educational offerings.
AOHC Poster Presentations and Display
Posters will be on display for viewing beginning Sunday, April 28 in the foyer outside the ACOEM Exhibit Hall. Poster authors will be available to discuss their research with attendees on April 28 from 5:30pm–7:30pm.

ACOEM Annual Membership Meeting and Breakfast
ACOEM’s Annual Membership Meeting and Breakfast will take place on Wednesday, May 1, 2013 from 8:00am-10:00am. Highlights will include the ACOEM Fellow elevation ceremony, introduction of new ACOEM officers and directors, installation of ACOEM’s new president, and presentation of ACOEM awards.

This meeting and breakfast is open to any attendee who is registered for the full conference or who has a one-day conference registration for Wednesday.

We understand that not everyone will be able to attend due to other obligations. Therefore, if you would like to attend this event, please indicate so on the registration form. This will assist us in ordering the proper amount of food and eliminating unnecessary waste.

Sessions
AOHC consists of general and concurrent sessions, worksite visits, and early bird sessions.

Concurrent and early bird sessions offer focused presentations that cover critically chosen, cutting-edge subjects related to OEM competencies. These sessions typically include single or multiple presenters and can be one hour, 90 minutes, or 3 hours in length. Sessions are designed for OEM physicians and related professionals who practice in a variety of work settings.

Sessions are identified by tracks.
The tracks are:
- OEM Clinical Practice
- Management and Administration in OEM
- OEM Education and Scientific Research
- Environmental Health and Risk Management
- Regulatory, Legal, Military, and Governmental OEM Practice

To help in assigning room capacities, please indicate your session preference by time slot on the registration form. This preference does not guarantee a seat in the session. Seating is on a first-come, first-served basis.
**C. O. Sappington Memorial Lecture**
The Sappington Lecture serves as a forum from which to address major issues in the field of OEM. Paul Grundy, MD, MPH, FACOEM, from IBM Corporation is the Sappington Lecturer. The lecture will be held during the AOHC Opening Session on Sunday, April 28, from 1:30 pm-3:00 pm.

**William B. Patterson Memorial Lecture**
The William B. Patterson Memorial Lecture will take place during the ACOEM Annual Membership Meeting, which will be held Wednesday, May 1, 2013 from 8:00am-10:00am. This year’s lecture will be presented by Sandra M. Schneider, MD, FACEP, from the University of Rochester, Department of Emergency Medicine, Strong Memorial Hospital.

**Early Bird Sessions – Now Free!**
We’ve heard you. Content, content, content is what you want! Be an “Early Bird” and earn an extra hour of CME by attending one of these sessions at no cost! So get up early and save while earning additional CME at no additional cost.

**Monday, 7:00am-8:00am**
200, 201, 202, 203, 204, 205

**Wednesday, 7:00am-8:00am**
400, 402

Please note, only coffee will be provided. There will be a half-hour break between the conclusion of the Early Bird sessions and the start of the general conference so that attendees may grab a bite to eat.

**Worksite Visits**
Worksite visits are open to registered attendees only and are considered to be educational activities and not social events or tours. Additional fees and advance registration is required. The following worksite visits will be offered:

**Monday**
900: The Toxic Tour – Lake Apopka and the Farmworker Population
901: A Culture of Safety and Wellness at Rosen Shingle Creek

**Tuesday**
902: Safety and Health of Animal Handlers at Disney’s Animal Kingdom
903: Central Florida Fire Academy

Please see the session descriptions and registration form for worksite visit details.

**Learning Resources**
We know you can’t be in two places at once, but that doesn’t mean you have to miss out on content. Most sessions will be recorded for sale and orders can be placed on-site and after AOHC. And, for the first time, a NEW OPPORTUNITY – purchase the online library of conference recordings NOW with your registration and save! For only $79 you will have online access to all recorded sessions! In addition, after AOHC, a distance learning package will be available for sale that includes CME and MOC credit. The distance learning package will require purchase of the conference recordings, and by buying them now at the special advance price, you’ll be on your way to those hours of additional credit.

**Speaker Designation**
Speakers who are members of ACOEM are indicated with an asterisk (*) throughout this program. The College would like to take this opportunity to recognize their contributions to ACOEM.

**Pre- and Post-Conference Courses**
Pre- and post-conference courses are designed to enrich participants’ understanding of concepts and issues related to OEM, giving physicians the knowledge necessary to sustain a competitive edge. Content is driven by research, the latest in regulatory issues, and the expertise of the faculty. Pre-registration is strongly encouraged; a separate registration fee is required.
Exam Opportunities

ABPM Maintenance of Certification (MOC) Exam
The American Board of Preventive Medicine (ABPM) will hold an MOC examination in Orlando on Sunday, April 28 at 9:00am. For more information or to register for the examination, visit the ABPM web site (www.theabpm.org) or call their office at 312-939-2276.

MRO Certification Exam
The Medical Review Officer Certification Council (MROCC) will hold an examination in Orlando on Sunday, April 28 at 8:30am. For information or to register for the examination, call MROCC at 847-631-0599 or visit www.mrocc.org.

ABIME Certification Exam
The American Board of Independent Medical Examiners (ABIME) will hold an examination in Orlando on Wednesday, May 1 at 1:00pm. For information or to register for the examination, call ABIME at 304-733-0095 or visit www.abime.org.

EXHIBIT HALL

ACOEM wishes to thank the AOHC 2013 exhibitors and acknowledge their part in contributing to the success of the conference. Attendees are invited to visit the exhibit hall during the following hours:

Sunday, April 28, 2013
5:30pm-7:30pm
Exhibit Hall Opening and Reception and Abstract Poster Presentations

Monday, April 29, 2013
8:00am-5:00pm
Complimentary Lunch in the Exhibit Hall (12 Noon)

Tuesday, April 30, 2013
8:00am-1:30pm

AOHC’s exhibits offer attendees the opportunity to learn about the latest developments in scientific research, pharmaceuticals, equipment, supplies, and medical technology. Time spent in the exhibit hall is as rewarding as attendance at a lecture. Only paid AOHC registrants or paid guest registrants with AOHC badges will be permitted in the exhibit hall.

In fairness to those who have rented exhibit space, it is not permitted to have recruiting devices such as posters, business cards, private hospitality suites, or any other recruiting medium in use during AOHC except by those who are officially listed as exhibitors. Employment agencies and their employees or representatives who wish to enter into recruitment efforts at AOHC must contact Deb Brisson, AOHC Exhibits Manager, at 847-818-1800, ext. 391
The Orlando area is served by most domestic carriers and international carriers at the Orlando International Airport (MCO). Information including ground transportation, maps and flight schedules is available at www.orlandoairports.net.

Meeting Hotel
Rosen Shingle Creek
9939 Universal Blvd.
Orlando, Florida, 32819 USA
https://booking.ihotelier.com/istay/istay.jsp?groupID=845943&hotelID=6840

Make your reservation at Rosen Shingle Creek and take advantage of ACOEM’s discounted rate! ACOEM has secured the discounted group rate of $229 per night (single or double room) plus tax. This rate includes in-room internet and fitness center access over the meeting dates, along with complimentary self-parking for overnight guests.

Reserve your room by calling 866-996-9939 or reserve online. The discounted AOHC rate will be available until our block is full or March 29, 2013, whichever comes first.

The AOHC rate includes the following benefits not available elsewhere:
- Being right on the premises of all conference sessions, just steps from your room to the meeting;
- No need to incur the expense of a rental car that will sit lazily in the parking lot most of the time;
- Staying in the most spacious regular guest rooms of any resort in the area;
- In-room amenities including refrigerator and an extra large vanity;
- 24-hour snack and sundry shop with all sorts of items to fill that in-room refrigerator;
- Three pools – one for the whole family, a quiet pool for adults, and a lap pool for exercising;
- Nature trail and running path surrounding the property to allow for exercise and stress release;
- Opportunities to interact with colleagues throughout the day and evening, all around the resort!

About Rosen Shingle Creek
Rosen Shingle Creek is nestled on a 230-acre site along Shingle Creek just off Universal Boulevard and only 10 minutes away from the Orlando International Airport. Their ideal location is just a short distance to a variety of Orlando’s best attractions, restaurants, shopping and entertainment venues. Rosen Shingle Creek’s 1,500 guest rooms offer luxurious first-class settings that capture the hotel environment. Every single room offers a stunning view of the golf course and the area’s incomparable setting—from the perfectly manicured fairways and greens to the picturesque creek, magnificent cypress trees, and lush natural vegetation.

Green Initiatives
Rosen Shingle Creek, which opened in September 2006, was designed with the environment in mind. “We made it a point in the design phase of Rosen Shingle Creek to conserve water and energy and to reduce waste as much as possible; as a result, we save valuable resources,” said founder and president Harris Rosen. “Guests may never notice the small changes we’ve made to help our planet, but those who do take notice applaud our efforts, because they too, are socially responsible citizens concerned about the effects man has on the environment.”

Government Rate
A limited number of rooms are available at the government rate. For government reservations, please call Rosen Shingle Creek directly at 866-996-9939 and specifically ask for the government rate, while mentioning Booking ID# 33284. Online reservations are not accepted at this rate. Government ID will be required at check-in.

Town Car Service at Rosen Shingle Creek
For transportation from Rosen Shingle Creek to area locations, the hotel offers a town car service rather than taxis. Town car rates are similar to taxi rates and may be called for return service at your convenience. For more information on Orlando, Florida, visit www.visitorlando.com.
Weather/Dress
The average temperature for Orlando in late April/early May is over 80°F.

Since inside hotel temperatures can vary, dressing in layers is recommended.

Airline Discount
The following discounts have been arranged for travel to AOHC.

American Airlines
Travel Dates: April 23-May 5, 2013 to Orlando, FL
Discount: 5% off of lowest applicable published air fare
Booking Information: Online at aa.com or at 800-433-1790 (additional ticketing fees apply for reservations made by phone)
Promotional Code: 5243D

Delta Airlines
Travel Dates: April 23-May 5, 2013 to Orlando, FL originating in the US/Canada with a minimum of a 2 night stay
Discount: 10% off full/non restricted fares; 5% off of discounted/restricted fare
Booking Information: Online at delta.com or at 800-328-1111 (additional ticketing fees apply for reservations made by phone)
Promotional Code: NMF99

Events and Activities

Nibbles and Networking
We are developing an optional social event scheduled for the evening of Monday, April 29, and we’re working extra hard to make it fun and affordable. Details to come!

AOHC Exhibit Hall Hours
Sunday, April 28  5:30pm-7:30pm
Monday, April 29  8:00am-5:00pm
Tuesday, April 30  8:00am-1:30pm

Tweet Tweet!
AOHC and Twitter

ACOEM will be using Twitter to communicate late-breaking news and announcements regarding AOHC activities. It’s easy to follow what’s happening at AOHC by simply following this link—http://twitter.com/aohc. You can also receive these updates via RSS feeds, SMS text messages using your cell phone, or e-mail.
Registration is required for all persons attending the Conference, or other educational or social activities. Government employees must include a purchase order with the registration form if payment is to be made by the government.

**Full Conference Registration**
Full Conference Registration admits you to general, concurrent, and early bird sessions.

Additional fees are required for worksite visits, certain meal sessions, social events, and other activities as indicated on the conference registration form.

Admission to the Wednesday membership meeting and breakfast, while free to conference registrants, requires registration by Monday, April 29, 12noon, to allow meal arrangements to be made.

**Activity Fees**
Please see the registration form for activity fees.

**Pre and Post-conference Courses**
The pre-conference offerings run Friday-Saturday, April 26-27, 2013. Post conference course(s) will be offered on Thursday, May 2. Enrollment is limited. Course registration is separate from conference registration. Lunches are not included.

**Friday-Saturday, April 26-27**
MRO Comprehensive Course
Occupational Medicine Board Review Course
Foundations in Occupational Medicine, Seg. 2 Course
ACOEM Member ....................................................$675
Non-Member .........................................................$815
Retired, Resident, Student ......................................$345

**Saturday, April 27**
Commercial Driver Medical Examiner Course
ACOEM Member ...................................................$445
Non-Member .........................................................$545
Retired, Resident, Student ......................................$285

**Saturday, April 27**
How to Leverage Population Health Management in ACOs/PCMHs Course
Spirometry Testing in Occupational Health – Physician Update Course
ACOEM Member ....................................................$345
Non-Member .........................................................$415
Retired, Resident, Student ......................................$185

**Thursday, May 2**
Work Disability Prevention for Clinicians – Your Role in SAW/RTW Process
ACOEM Member ....................................................$345
Non-Member .........................................................$415
Retired, Resident, Student ......................................$185

**One-day Conference Registration**
One-day Conference Registration admits you to concurrent and early bird sessions for the day in which you are registered only.

Additional fees are required for worksite visits, certain meal sessions, social events, and other activities as indicated on the conference registration form.

**Two-day Conference Registration**
Two-day Conference Registration admits you to concurrent and early bird sessions for the days in which you are registered only.

Additional fees are required for worksite visits, certain meal sessions, social events, and other activities as indicated on the conference registration form.
Payment
Payment of registration fees must accompany the registration form. The registration form and appropriate fees should be mailed or faxed to:

CHECK: ACOEM Lockbox
39032 Eagle Way
Chicago, Illinois 60678-1390

CREDIT CARD: Fax to ACOEM at 847-818-9265

Attendees may register online at www.acoem.org by using VISA, MasterCard, American Express, or Discover for payment of registration fees. When paying by credit card, all pertinent information (card number, name of cardholder, expiration date) must be included on the registration form. If paying by company check, make sure the form and payment are sent together. Registrations received without payment will not be processed.

Conference Cancellations/Changes
Cancellation requests must be received in writing by April 8, 2013. Notification by telephone will not be accepted. A credit memo will be issued for the full amount paid and may be used for any ACOEM event or activity for up to one year from the date of issue. If requesting a refund instead of a credit memo, an administrative fee of $50 will be assessed. No credit memo or refunds will be issued for cancellation requests received after April 8, 2013.

Requests to change from one event to another must be received in writing no later than April 8, 2013. Notification by phone will not be accepted. Accommodations to these requests will be made on a space-available basis and will not be subject to an administrative fee. After April 8, 2013, all changes and requests will be handled on-site.

Pre and Post-conference Courses
Cancellations/Changes
Cancellation requests must be received in writing by April 8, 2013. Notification by telephone will not be accepted. A credit memo will be issued for the full amount paid less $95, which represents the cost of the syllabus if shipped. (The syllabus is not returnable and is yours to keep.) Credit memos may be used for any ACOEM event or activity and are valid for one year from the date of issue. If requesting a refund instead of a credit memo, an administrative fee of $50 (plus $95 for the syllabus, if applicable) will be assessed. No credit memo or refunds will be issued for cancellation requests received after April 8, 2013.

Pre-registration Deadline
The deadline for pre-registration is March 29, 2013. Fees listed are for advance registration. On-site registrations will be assessed an additional $100. Use the registration form in this program or register online at www.acoem.org.

On-site Registration Information/
Name Badges
The AOHC Registration Desk will be located at the Rosen Shingle Creek. The registration desk will be open the following hours for pickup of conference badges, class schedules, conference materials, and additional registration and conference information. Name badges are required for admittance to all AOHC events.

Pre-Conference Course Registration
Friday, April 26 .......................... 7:00 am – 6:00 pm
Saturday, April 27 ........................ 7:00 am – 6:00 pm

Conference Registration
Saturday, April 27 ......................... 12:00 Noon – 6:00 pm
Sunday, April 28 ........................ 7:00 am – 7:00 pm
Monday, April 29 ........................ 6:30 am – 6:30 pm
Tuesday, April 30 ........................ 6:30 am – 6:30 pm
Wednesday, May 1 ..................... 6:30 am – 3:30 pm

Post-Conference Course Registration
Thursday, May 2 ........................ 7:00 am – 5:00 pm

Guest Tickets
A registered attendee may purchase a ticket for a personal guest by stopping by the on-site AOHC registration desk. Guest tickets are available for the following activities:

Exhibit Hall Opening Reception ........................... $60
Annual Membership Meeting and Breakfast ............... $60

Please note: business colleagues, friends, and family members will not be allowed to enter educational offerings or session rooms without the advance arrangement of AOHC management.

Emergency Contact
Personal messages for attendees should be left at their hotel property. There will also be a bulletin board for posting personal messages in the AOHC Registration area. Please be sure to indicate your emergency contact information with your registration.

ACOEM Federal ID#
The federal employers identification number (FEIN) for ACOEM is 36-3593614. Some attendees may need this information when requesting funds for payment of conference fees from their employer.

ACOEM Membership Information
Membership information is available by calling the Membership Department at 847/818-1800, ext. 300, or by visiting the ACOEM web site at www.acoem.org.

Special Needs – ADA
AOHC complies with the Americans with Disabilities Act. Please contact us if you have a disability and/or to inform us of any dietary restrictions.
Consent to Use of Photographic Images
Registration and attendance at, or participation in, ACOEM meetings and other activities constitutes an agreement by the registrant to ACOEMS’ use and distribution, both now and in the future, of the registrant, or attendee’s image or voice in photographs, videotapes, electronic reproductions and audio tapes of such events and activities.

Registrant Mailing List
Exhibitors are an important part of the conference experience. Even if you don’t use particular exhibitors’ products, their participation supports necessary conference production costs which helps keep your registration fee down and allows ACOEM to provide a better conference experience for you.

Of course the main benefit for exhibitors is access to you – onsite as well as before and after the conference. We provide exhibitors with a list of registrants for their use in contacting you to encourage you to visit their booth. Some offer discounts in their promotional message – another benefit to you. Exhibitors are limited to emailing registrants once before and once after the conference and are not allowed to add your information to their contact database for use beyond AOHC 2013.

We appreciate your understanding and support of this common conference practice. If you prefer to have your name removed from the list provided to exhibitors, you may opt out during the registration process. In addition, just prior to the conference, we will make available to conference registrants only, a list of those who are attending – name and company, no address or contact information will be shared. This is a popular feature and facilitates the all-important networking that is so valuable at AOHC.

Please mark your exhibitor mailing preference on the registration form. Options are:
• I will allow my email address to be used by exhibitors for one email pre- and one email post-conference (per exhibitor)
• Please only have exhibitors contact me via regular US mail (one mailing per exhibitor)
• No thank you, I prefer not to be contacted by exhibitors

Contact Information
ACOEM Headquarters
25 Northwest Point Blvd., Suite 700
Elk Grove Village, IL 60007
Telephone: 847-818-1800
Fax (Registration): 847-818-9265
E-mail: registration@acoem.org

Conference Management
Joyce Paschall, CAE, CMP, Director of Education
E-mail: jpaschall@acoem.org
Telephone: 847-818-1800 ext. 367

Mary Lunn, Conference Coordinator
E-mail: mlunn@acoem.org
Telephone: 847-818-1800 ext.

Exhibit Management
Deb Brisson, CEM, CMP, Exhibit Manager
E-mail: dbrisson@acoem.org
Telephone: 847-818-1800 ext. 391
Fax (Exhibits): 847-818-9286
**REGISTRATION FORM**

**REGISTRANTS**

**Name (First M.I. Last)**

**Employer Name**

**Address (No P.O. boxes, please)**

**City**

**State/Province**

**Postal Code**

**Area Code**

**Telephone**

**Nickname (for badge)**

**E-mail Address**

**Conference Registration**

- **Sunday, April 28**
- **Monday, April 29**
- **Tues., April 30**
- **Wed., May 1**

### Conference Registration: Sunday, April 28-Wednesday, May 1, 2013

**Registration Status**

- ☑ ACOEM Member
- ☑ Non-Member
- ☑ Retired, Resident, or Student Member
- ☑ ACOEM Past President

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<tr>
<th>ACOEM Member</th>
<th>Non-Member</th>
<th>Retired/Resident/Student Member</th>
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<tr>
<td>$795</td>
<td>$995</td>
<td>$365</td>
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<td>$275/day</td>
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| $475/2-days | $575/2-days | $275/2-days               | $

### Concurrent Session Seating Preference – Please indicate your preference to help us in assigning the appropriate size room. Your selections below do **not guarantee** you a seat in that session.

**After March 29:** Full conference registration fees will increase by $100; One-day conference registration fees will increase by $50.

- ☐ Check here if you have a disability requiring special services and/or to indicate dietary restrictions (please attach a letter or explain below):

  ____________________________________________________________
  ____________________________________________________________
  ____________________________________________________________
  ____________________________________________________________

**EMERGENCY CONTACT DURING CONFERENCE:**

- **Name:**
- **Phone:**

**OVER!**

**OVER!**

This registration form is 2 pages.

Please complete and return both pages!
Name (First M.I. Last):__________________________

Subtotal from Page 1: $__

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<thead>
<tr>
<th>Additional Fees and Ticketed Events</th>
<th>Activity Fee</th>
<th>Amount</th>
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<tbody>
<tr>
<td><strong>Sunday, April 28</strong></td>
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<tr>
<td>Exhibit Hall Opening Reception</td>
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<td>☐ Yes! I plan to attend the Exhibit Hall Opening Reception</td>
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<td><strong>Monday, April 29</strong></td>
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<td>Complimentary Lunch in Exhibit Hall**</td>
<td></td>
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</tr>
<tr>
<td>☐ Yes! I would like the complimentary lunch in the exhibit hall</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td>Optional Social Event: (Details to Come)</td>
<td></td>
<td>$75</td>
</tr>
<tr>
<td>☐ Yes! Option: Purchase an additional ticket that the Resident/Recent Graduates Section will distribute to a resident attendee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Worksite Visit: 900</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Toxic Tour: Lake Apopka &amp; The Farmworker Population</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td>Worksite Visit: 901</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A Culture of Safety and Wellness at Rosen Hotels and Resorts</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td><strong>Tuesday, April 30</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Worksite Visit: 902</td>
<td></td>
<td>$60</td>
</tr>
<tr>
<td>Disney’s Animal Kingdom Animal Care Facility</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Worksite Visit: 903</td>
<td></td>
<td>$60</td>
</tr>
<tr>
<td>Central Orlando Fire Academy</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Wednesday, May 1</strong></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>Membership Meeting and Breakfast**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Yes! I plan to attend the Membership Meeting and Breakfast</td>
<td>$0</td>
<td></td>
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</tbody>
</table>

**Other Conference Options**

- ☐ I will allow my email address to be used by exhibitors for one email pre- and one email post-conference (per exhibitor)
- ☐ Please only have exhibitors contact me via regular US mail (one mailing per exhibitor)
- ☐ No thank you, I prefer not to be contacted by exhibitors

- **NEW! Special Advance Price!** Pre-purchase online library of conference recordings now and save over on-site and post-conference prices! (Post-conference CME will be sold separately in summer 2013)

$79

**Pre-conference Courses**

<table>
<thead>
<tr>
<th>Activity Fee</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACOEM Member $675</td>
<td>See fees at left</td>
</tr>
<tr>
<td>Non-Member: $815</td>
<td></td>
</tr>
<tr>
<td>Retired, Resident, or Student: $345</td>
<td></td>
</tr>
<tr>
<td>Friday-Saturday, April 26-27</td>
<td></td>
</tr>
<tr>
<td>☐ MRO Comprehensive Course</td>
<td>See fees at left</td>
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<tr>
<td>☐ Occupational Medicine Board Review Course</td>
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<tr>
<td>☐ Foundations of Occupational Medicine, Seg. 2</td>
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<tr>
<td>ACOEM Member $445</td>
<td>See fees at left</td>
</tr>
<tr>
<td>Non-Member: $545</td>
<td></td>
</tr>
<tr>
<td>Retired, Resident, or Student: $285</td>
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</tr>
<tr>
<td>Saturday, April 27</td>
<td></td>
</tr>
<tr>
<td>☐ Commercial Driver Medical Examiner</td>
<td>See fees at left</td>
</tr>
<tr>
<td>ACOEM Member $345</td>
<td>See fees at left</td>
</tr>
<tr>
<td>Non-Member: $415</td>
<td></td>
</tr>
<tr>
<td>Retired, Resident, or Student: $185</td>
<td></td>
</tr>
<tr>
<td>Saturday, April 27</td>
<td></td>
</tr>
<tr>
<td>☐ Spirometry Testing in Occupational Health – Physician Update</td>
<td>See fees at left</td>
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</table>

**Post-conference Courses**

<table>
<thead>
<tr>
<th>Activity Fee</th>
<th>Amount</th>
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<tbody>
<tr>
<td>ACOEM Member $345</td>
<td>See fees at left</td>
</tr>
<tr>
<td>Non-Member: $415</td>
<td></td>
</tr>
<tr>
<td>Retired, Resident, or Student: $185</td>
<td></td>
</tr>
<tr>
<td>Thursday, May 2</td>
<td></td>
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<tr>
<td>☐ Work Disability Prevention for Clinicians: Your Role in the SAW/RTW Process</td>
<td>See fees at left</td>
</tr>
<tr>
<td>ACOEM Member $245</td>
<td>See fees at left</td>
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<tr>
<td>Non-Member: $295</td>
<td></td>
</tr>
<tr>
<td>Retired, Resident, or Student: $185</td>
<td></td>
</tr>
<tr>
<td>Thursday, May 2</td>
<td></td>
</tr>
<tr>
<td>☐ Medicolegal Issues for Independent Medical Examiners &amp; Expert Witnesses: A Workshop</td>
<td>See fees at left</td>
</tr>
</tbody>
</table>

**REGISTRATION DEADLINE:** March 29, 2013

**Total Due:** $__

**PAYMENT:**
- ☐ Check enclosed **Payable to ACOEM** (US Funds Only)
- ☐ American Express
- ☐ Discover
- ☐ Master Card
- ☐ VISA

**REGISTRATION DEADLINE:** March 29, 2013

**RETURN BOTH PAGES OF THIS FORM WITH PAYMENT TO:**
- CHECK: ACOEM Lockbox, 39032 Eagle Way, Chicago, Illinois 60678-1390
- CREDIT CARD: Fax to ACOEM at 847/818-9265

**Registrations received without payment will not be processed. Please call 847/818-1800, ext. 374 with any questions.**

**We understand that not everyone will be able to attend due to other obligations. Therefore, if you would like to attend this event, please indicate so on the registration form. This will assist us in ordering the proper amount of food and eliminating unnecessary waste.**
As part of ACOEM’s commitment to protecting workers’ health, this brochure was PrintedGreen™ using all vegetable inks and solvents and is 100% petro-chemical and toxin free.