

AMERICAN COLLEGE OF
OCCUPATIONAL AND
ENVIRONMENTAL MEDICINE

AOHC

CONFERENCE PROGRAM



AMERICAN OCCUPATIONAL HEALTH CONFERENCE
HILTON BALTIMORE

PRESIDENT'S MESSAGE

Dear Colleagues, Friends, and Guests:



This will be our 100th annual meeting!

For nearly a century ACOEM has set the standard of excellence in worker and workplace health and safety. Some of you are longtime participants in the conference who have witnessed the evolution of our specialty and shared in advancements and challenges over the course of your career. For others this may be your first year attending AOHC and you're hoping to absorb as much as you can. No matter where you are in your career, attending this conference will support your commitment to staying informed, sharpening your skills and continuing to deliver the best care to your patients.

Our AOHC 2015 Planning Committee, co-chaired by Marianne Cloeren, MD, MPH, FACOEM, and Michael J. Hodgson, MD, MPH, has developed an excellent program this year featuring a wide variety of educational options and activities. Here are just a few highlights:

Sappington Lecture. As we move toward our centennial year, I am pleased to announce that Professor Ewan B. MacDonald with the University of Glasgow will provide the Sappington Lecture. He will open our horizons regarding the future of occupational medicine and the pressing need for all of us to contribute to the health of our workers and thus the worldwide economy. This lecture will be held during the AOHC Opening Session on Sunday afternoon, May 3.

Timely education. In addition to all of the great educational offerings you have come to expect at AOHC, ranging from Medical Review Officer (MRO) training to disability prevention to hearing protection, our 2015 conference will offer new programming in

areas of interest including occupational dermatology, teleconsultation, emerging infections, AED program results and so much more.

Outstanding location. The Hilton Baltimore, site of this year's AOHC, is just steps away from Camden Yards, home of baseball's Orioles. Many of the guest rooms and meeting spaces overlook this beautiful ballpark. And just a few blocks away is Baltimore's Inner Harbor, filled with shopping, restaurants and entertainment, not to mention the famous National Aquarium. Less than a mile from the hotel is the Edgar Allen Poe house and museum.

Centennial Kick-off. Be sure to join your colleagues in recognizing the beginning of ACOEM's centennial year (which will culminate at the 2016 AOHC in Chicago) by attending the optional social event at the Baltimore Museum of Industry on Monday evening, May 4. This one-of-a-kind museum simply cannot be missed as it speaks to the core of OEM—the worker's environment. ACOEM is partially subsidizing the cost to make it a must-attend event. See details on page 18.

In summary, don't miss this Baltimore conference that will include U.S. and international presentations and essential OEM scientific updates, as well as the benefits of a wonderful, opportunity-rich location and great networking. I look forward to seeing you there.

Kathryn L. Mueller, MD, MPH

Kathryn L. Mueller, MD, MPH, FACOEM
President, ACOEM

AOHC MAY 3-6, 2015

THE STAR SPANGLED BANNER



ABOUT BALTIMORE

Named for Lord Baltimore (Cecilius Calvert) in the Irish House of Lords, Baltimore was settled in the early 17th century. The waterfront made Baltimore a hub for tobacco trade with England in its earliest days. By the 18th century, Baltimore had also become a granary for sugar-producing colonies in the Caribbean. As a major seafaring and trading community, Baltimore played a key role in events that shaped history, including the American Revolution.

Historically a working-class port town focused on steel processing, shipping, auto manufacturing and transportation, Baltimore now has a modern service economy led by high-tech, biotech, medicine and tourism, along with a modern nickname, "Charm City." Come find out for yourself!

CONFERENCE SCHEDULE AT-A-GLANCE

SUNDAY, MAY 3, 2015 ~ CME/MOC: 7.0

7:00am-8:00am	Session 099-R New Member Orientation					
8:00am-12:00pm	ACOEM House of Delegates Meeting					
9:00am-12:15pm [3.0]	Session 101 Introduction to OEM – <i>for newcomers to Occ Med Only</i>	Session 102 Low Back Pain: Thinking Outside the Disk	Session 103 Business Leadership for Physicians: Necessary Knowledge Not Taught in Medical School	MROCC and ABPM Exams Please contact the appropriate organization for details (Note: ABIME Exam - Saturday Afternoon)		
1:30pm-3:00pm [1.0]	Session 100 – AOHC Opening Session: C. O. Sappington Memorial Lecturer: Professor Ewan B. MacDonald, University of Glasgow, Remarks by RADM Boris D. Lushniak, MD, MPH, Acting United States Surgeon General					
3:00pm-3:15pm	BREAK					
3:15pm-4:15pm [1.0]	Session 104 Update on ACOEM Initiatives from HOD Officers	Session 105 Medical Evaluation and Clearance for Two Unique Types of Offshore Operations	Session 106 The Past is the Present	Session 107 Career Transitions to Working in the Fed. Gov. as an OEM Physician	Session 108-R Occupational Dermatology Pearls	Session 109 What Constitutes Excellence: The Best Corporate Health and Safety Programs in America
4:15pm-4:30pm	BREAK					
4:30pm-5:30pm [1.0]	Session 110 Ethical Issues of “Nudges”	Session 111 Evidence at Your Fingertips: Manage Chronic Medical Conditions of an Aging Work Force	Session 112-R ACOEM Position Papers...Part of Professional Outreach to Shareholders or Clients	Session 113 OEM Specialty Teleconsultation for Veterans and Providers: DOD-AHA Perspectives	Session 108, Continued	Session 109, Continued
5:30pm-7:30pm	Exhibit Hall Opening Reception and Abstract Poster Presentations					
7:30pm-8:30pm [1.0]			Session 114-R So, You Want to Be an ACOEM Leader	Session 115 International Panel Discussion	Session 116-R Individual Scientific Abstracts	Session 117-R Individual Scientific Abstracts

TRACK KEY

Other
Environmental Health and Risk Management
OEM Clinical Practice

Management and Administration in OEM
OEM Education and Scientific Research
Regulatory, Legal, Military, and Governmental OEM

R Resident Friendly Sessions
* Separate registration required; additional fee applies
** Advanced registration required; additional fee applies

MONDAY, MAY 4, 2015 ~ CME/MOC: 8.0

7:00am-8:00am [1.0]	Session 201-R Becoming Board Certified and Maintaining Board Certification in Occupational Medicine	Session 202-R Healthy Ways to Partner with a Mentor During Your OEM Journey	Session 203 Becoming an ACOEM Fellow	Session 204 Occupational Surveillance for DOD Firearms Instructors	Session 205 How to Design Competency-based Educational Programs (Invitation Only)
8:00am-8:30am	CONTINENTAL BREAKFAST: Located in Exhibit Hall				
8:30am-10:00am [1.5]	Session 206 What Employees with Obesity Want: Research-based Insights for Employers	Session 207 Improving Care for Low Back Pain	Session 208 NIOSH-OSHA Workplace Investigations	Session 209 CDME: Updates and Complicated Cases	Session 210-R Resident Research Abstract Presentations
10:00am-10:30am	BREAK: Located in Exhibit Hall				
10:30am-12:00pm [1.5]	Session 211 Doctors, Nurses, Licenses, Practice Quality, and Injury Under-reporting	Session 212-R Occupational and Work-related Asthma Guidelines	Session 208, Continued	Session 209, Continued	Session 210, Continued
12:00pm-1:15pm	COMPLIMENTARY LUNCH: Located in Exhibit Hall				
1:00pm-5:00pm [3.0]	Worksite Visit 801 Occupational Health at the Baltimore Zoo				
1:30pm-3:00pm [1.5]	Session 213 33 Lessons from 33 Years in Occupational Health	Session 214-R ACOEM TED Talks: How to Plan and Deliver Outstanding OEM Presentations	Session 215-R Improve Your Ability to Critically Appraise Evidence	Session 216 Occupational and Environmental Cancer: Risk Evaluation and Causation	Session 217 Public Safety Medicine Update 2015
3:00pm-3:30pm	BREAK: Located in Exhibit Hall				
3:30pm-5:00pm [1.5]	Session 218 Using OEM Principles and Practices as the Foundation of Post-Deployment Care in VA	Session 219-R Practical Uses of the New ACOEM Spine Guidelines	Session 220 The Independent Medical Examination	Session 216, Continued	Session 217, Continued
5:00pm-5:15pm	BREAK: Located in Exhibit Hall				
5:15pm-6:15pm [1.0]	Session 225 Implication of Climate Change for Occupational Health Clinicians	Session 221 The FCE: Demo with Enhancements Targeting Disability Prevention	Session 222 Best Practices in EU Work Disability Management: Implications for the US	Session 223 Updates on Epigenetic and Exposure Data on Pesticide and Herbicide Occ Health	Session 224 NASA Occupational Health: Don't Leave Your Planet Without it
6:30pm-9:30pm	Optional Social Event: ACOEM's Centennial Year Kick-Off Celebration – Baltimore Museum of Industry				

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TUESDAY, MAY 5, 2015 ~ CME/MOC: 7.0

7:30am-11:30am	Worksite Visit 802: General Motors Powertrain				
8:00am-8:30am	CONTINENTAL BREAKFAST: Located in Exhibit Hall				
8:30am-10:00am [1.5]	Session 301 Integrating Health and Safety in the Workplace	Session 302 Neurological Fitness-for-Duty	Session 303 Clinical Advances in Occ. Health Among Underserved Occupational Populations in the US	Session 304 Ebola and Other Emerging Occupational Infections	Session 305 MRO Controversies
10:00am-10:30am	BREAK: Located in Exhibit Hall				
10:30am-12:00pm [1.5]	Session 306 The New Beryllium Standard: A Cooperative Effort of Industry and Labor	Session 307 Psychological Fitness-for-Duty Referrals: Clarity, Efficiency, and Effectiveness	Session 303, Continued	Session 304, Continued	Session 305, Continued
12:00pm-1:00pm	BREAK				
1:30pm-3:00pm [1.5]	Session 308 Hexavalent Chromium: Hazard, Standard, Exam-What Occupational Physicians Need to Know	Session 309 Innovations in Management of Occupational Bloodborne Pathogens Exposures	Session 310 Prescription Drugs and Safety for Transportation Workers	Session 311 Political Advocacy: A Hands-on Approach	Session 312 Legal, Regulatory, and Economic Issues: Health/Safety of Contingency, Immigrant, and Migrant Workers
3:00pm-3:30pm	BREAK				
3:30pm-5:00pm [1.5]	Session 314 New Lead (Pb) Levels: The Shots Heard Around the Country	Session 313 Infected and Colonized Healthcare Workers	Session 315 Defining Acceptable and Persistent Risk of Sudden Incapacitation Among Transportation Workers	Session 311, Continued	Session 312, Continued
5:00pm-5:15pm	BREAK				
5:15pm-6:15pm [1.0]	Session 314, Continued	Session 316 Connecting Onsite Health with External Healthcare Machine	Session 317 Early Intervention in the Rehabilitation of the Worker with Disabling Pain	Session 318 Federal Workers' Compensation Cost Containment and Management Strategies	Session 319 ACOEEM's Maintenance of Certification Part IV Program

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WEDNESDAY, MAY 6, 2015 ~ CME/MOC: 7.0

7:00am-8:00am [1.0]	Session 401 Evaluation of a National Public Access Automated External Defibrillator Program in US Federal Buildings	Session 402 Deployment Exposures and Respiratory Health Outcomes	Session 403 Business Value of Pre-Travel Health Consultations for International Business Travelers	Session 404 Managing Career-limiting Illness and Injury in Physicians: Keep Docs on the Job	Session 405 Work-Related Pain: Physical Therapists' Perspective
8:15am-10:15am [1.0]	Session 400: Annual Membership Meeting and Breakfast W. B. Patterson Memorial Presentation: David Michaels, PhD, MPH				
10:15am-10:30am	BREAK				
10:30am-11:30am [1.0]	Session 406 Does AED Program Medical Control Positively Impact Cardiac Arrest Survival	Session 407 Deployment Exposures, Biomarkers and Health Outcomes Surveillance and Current Research	Session 408 MMI: When and How to "Call It A Day"	Session 409 Occupational Infections/Travel Medicine	Session 405, Continued
11:30am-11:45am	BREAK				
11:45am-12:45pm [1.0]	Session 410 Cardiovascular Diseases and Implantable Cardiac Devices: Workplace Risk Management	Session 411 VA Burn Pit Registry: Respiratory Disease and Exposures Among OEF/OIF Deployed Veterans	Session 412 Preventing Delayed Recovery in Injured Workers	Session 409, Continued	Session 405, Continued
12:45pm-2:00pm	LUNCH (ON OWN)				
2:00pm-3:30pm [1.5]		Session 413 Say What? Cutting Edge Advances in Hearing Protection and Noise	Session 414 Get Ready for Blurry Boundaries: Transitional Work and the ADA's Interactive Process	Session 415 Respectful Feedback and Organizational Effectiveness	
3:30pm-3:45pm	BREAK				
3:45pm-5:15pm [1.5]			Session 414, Continued	Session 415, Continued	

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PRE-CONFERENCE COURSES

Thursday, April 30, 2015 8:00am-5:00pm	Foundations in Occupational Medicine (Segment 1)				
Friday, May 1, 2015 8:00am-5:00pm	Foundations in Occupational Medicine (Segment 2: Day 1 of 2)	MRO Comprehensive Course (Day 1 of 2)	Occupational Medicine Board Review Course (Day 1 of 2)	Advanced Skills for the Independent Medical Examiner (Day 1 of 2)	
Saturday, May 2, 2015 8:00am-5:00pm	Foundations in Occupational Medicine (Segment 2: Day 2 of 2)	MRO Comprehensive Course (Day 2 of 2)	Occupational Medicine Board Review Course (Day 2 of 2)	Advanced Skills for the Independent Medical Examiner (Day 2 of 2 - Ends at 1:00pm)	Spirometry Testing in Occupational Health

ADVANCED REGISTRATION STRONGLY ENCOURAGED; ADDITIONAL FEE APPLIES (SEE REGISTRATION FORM FOR DETAILS)

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.

Friday-Saturday, May 1 and 2, 2015

MRO Comprehensive Course CME/MOC: 15
Course Director: Kent Peterson, MD

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 14,000 physicians have completed ACOEM's highly acclaimed training. This course is an elective for the OEM Essentials Curriculum.**

Occupational Medicine Board Review Course CME/MOC: 15
Course Director: John Meyer, MD

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 for which you need more review.

AMA Guides to the Evaluation of Permanent Impairment 6th Edition and Other

IME Skills..... CME/MOC: 12
Course Director: Mohammed Ranavaya, MD, JD, MS, FRCPI, FFOM, CIME

AMA guides to the evaluation of permanent impairment 6th edition is the global benchmark for the evaluation of permanent impairment in the workers comp claims both in the US and internationally. This course is specifically designed to educate and prepare physicians and other Occupational health professionals in the use of the AMA Guides to the Evaluation of Permanent Impairment 6th ed. and meets (among other) the educational prerequisite to qualify for the CIME/CICE CERTIFICATION examination through American Board of independent Medical Examiners (ABIME). The program is suitable for a multi-disciplinary audience, particularly for those who are intending to sit for the ABIME's AMA guides proficiency certification exam available for Non-physician. Anyone involved in performing, reviewing or managing impairment ratings or disability evaluations, should to attend this educational program.

Saturday, May 2, 2015

Spirometry Testing in Occupational Health – Physician Update CME/MOC: 7.5
Course Director: Mary Townsend, PhD

Occupational medicine physicians frequently use spirometry in their practices, but traditional training rarely prepares them to appreciate the impact and scope of the technical pitfalls of pulmonary function testing, nor does it introduce them to optimal spirometry interpretation algorithms. Practitioners may also evaluate workers with complex respiratory conditions who they determine require further diagnostic tests to confirm or refute a diagnosis of lung disease, in some cases without understanding the role that these additional tests play in establishing a diagnosis. This 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.

PRE-CONFERENCE COURSES

FOUNDATIONS OF OCCUPATIONAL MEDICINE

To attend the Foundations of Occupational Medicine course in Baltimore preceding AOHC 2015, please review these options to determine your needs and register accordingly. Not sure where you fit, or have other questions? Contact us at educationinfo@acoem.org.

OPTION A: If you are a first-time Foundations registrant, you will pay for the full Foundations content—four days' worth—to take THREE days of in-person training in Baltimore (April 30, May 1 and May 2). We will notify you when the final days' worth of Segment 1 content is available for you to take online, for which you will have already paid, which will then complete your Foundations training.

OPTION A Fees:	
Member.....	\$1,245
Non-member.....	\$1,445
Retired, Resident or Student Member	\$645

OPTION B: If you previously took Segment 1 as a two-day face-to-face course, (normally offered in November), you will register for two days in Baltimore, May 1 and 2 (Segment 2), and this will complete your Foundations training.

OPTION C: If you previously took Segment 2 as a two-day face-to-face course (normally offered at AOHC) and wish to take both days' worth of Segment 1 content, you can register for the single day of April 30 (portion of Segment 1) with a fee that includes the final days' worth of online Segment 1 content. We will notify you when that is available for you to take online, for which you will have already paid, which will then complete your Foundations training.

OPTION B and C Fees:	
Member.....	\$675
Non-member.....	\$815
Retired, Resident or Student Member	\$345

**Thursday, April 30, 2015;
Friday, May 1 2015; and
Saturday, May 2, 2015**

Foundations of Occupational Medicine
This course is a requirement for the OEM Essentials Curriculum.**

ACOEM's Foundations of Occupational Medicine course provides an excellent and comprehensive introduction to the clinical, technical and professional concepts of the field for the non-specialist or new entrant.

Beginning in 2015, the program will be presented in a "hybrid" format with online learning leading up to a core face-to-face course offered in conjunction with AOHC. Previously, Foundations of Occupational Medicine has been delivered in two Segments, each of which offers two days of face-to-face training. Segment 1 has been delivered in November in various locations, and Segment 2 has been delivered in conjunction with the American Occupational Health Conference (AOHC) as a pre-conference course. For the course preceding AOHC 2015, we are offering a transitional program with the ongoing core two-day face-to-face curriculum ("Segment 2"), plus an extra day of content from what was known as Segment 1, while we build our online activity resources for the remaining portions.

**Thursday, April 30, 2015
Segment 1 Topics..... CME/MOC: 7.5**

Health surveillance, Respirator Clearance, Risk assessment & communication, Radiation & Health, Exposure Measurement. Hazard Recognition, Dermatology, Mental Health & Work & PTSD, Medical Emergency, Response Planning, Critical Appraisal of Literature, Causation vs. Association, Fatigue Risk Management, Alcohol and Other Drugs, OHS Team Professionals

**Friday and Saturday, May 1 and 2, 2015
Segment 2 Topics..... CME/MOC: 15**

Biological Monitoring, Medical Review Officer, Chronic Pain, Asbestos, Emerging OEM Health Hazards. Infectious Diseases, Pandemic Planning, Occupational Lung Disease, Asthma, Work-related Legislation, Dust Diseases, Introduction to Toxicology, Toxins & CVS/Blood, Neurotoxicity

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.

The OEM Essentials Curriculum

**The OEM Essentials Curriculum was created for practicing physicians and health professionals new to the fields of occupational and environmental medicine. Designed around the ACOEM OEM Competencies, the curriculum supplies participants with practical information that is useful in management of the clinical, regulatory, and administrative functions of an OM practice. Upon completion of the stated criteria, OEM Essentials Curriculum participants will be equipped to serve as knowledgeable representatives of the specialty.

Visit <http://www.acoem.org/oemessentials.aspx> for more information.

POST-CONFERENCE COURSES

Thursday, May 7, 2015 8:00am-5:00pm	Work Disability Prevention for Clinicians – Mastering Your Role in the RTW/SAW Process	CAOHC Professional Supervisor of the Audiometric Monitoring Program Workshop	
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ADVANCED REGISTRATION STRONGLY ENCOURAGED; ADDITIONAL FEE APPLIES (SEE REGISTRATION FORM FOR DETAILS)

Thursday, May 7, 2015

Work Disability Prevention for Clinicians: Mastering Your Role in the SAW/RTW Process..... CME/MOC: 7.5
 Course Director: Jennifer Christian, MD

Deliver more practical value to patients, employers, and insurers by attending this workshop. It will increase the accuracy and usefulness of the guidance you give others in the stay-at-work (SAW) and return-to-work (RTW) process—and your effectiveness at preventing needless work disability and helping people stay employed. The intended target audience for this course is physicians involved in the medical process as treaters, consultants, peer reviewers, or medical directors. This course is a requirement for the OEM Essentials Curriculum.**

CAOHC Professional Supervisor of the Audiometric Monitoring Program Workshop CME/MOC: 7.5
 The Professional Supervisor of the Audiometric Monitoring Program® (PS/A) Workshop is an intermediate-level, full-day course. It emphasizes the real-world application of audiology expertise as encountered in occupational settings. Lectures review the current literature and practice guidelines. Instructors present employee case studies for participant problem-solving, critical thinking and small-group discussion. Case presentations discuss professional supervisor responsibilities, guidelines for managing problem audiograms and determination of work-relatedness.

EXAM OPPORTUNITIES

ABIME Certification Exam

The American Board of Independent Medical Examiners will hold an examination on the afternoon of Saturday, May 2, 2015. For information or to register for the exam, please contact ABIME directly at (304) 733-0095.

ABPM Maintenance of Certification (MOC) Exam

The American Board of Preventive Medicine (ABPM) will hold an MOC examination on the morning of Sunday, May 3, 2015. For information or to register for the exam, please contact ABPM directly at (312) 939-2276.

MRO Certification Exam

The Medical Review Officer Certification Council (MROCC) will hold an examination on the morning of Sunday, May 3, 2015. For information or to register for the exam, please contact MROCC directly at (847) 631-0599.



CONCURRENT CONFERENCE SESSIONS

Sunday, May 3, 2015

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

Session 099:

New Member Orientation CME/MOC: 0.0

TRACK(S): 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 provided. This session may be of particular interest to residents and recent graduates.

9:00 a.m. - 12:15 p.m.

Session 101: Introduction to OEM

(For newcomers to Occ Med Only) CME/MOC: 3

TRACK: Other

Robert M. Bourgeois*, MD, MPH, FACOEM, Bourgeois Medical Clinic, Morgan City, LA

Natalie Hartenbaum*, MD, MPH, FACOEM, OccuMedix, Dresher, PA
Douglas W. Martin*, MD, FACOEM, FAADER, FAFAP, UnityPoint Clinic, Sioux City, IA

Mark A. Roberts*, MD, PhD, FACOEM, Exponent, Inc., Chicago, IL

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

Are you aware of family, urgent care, or internal medicine physicians, nurse practitioners, or physician assistants who are not trained in OEM but are interested in adding some OEM competencies to their “tool kits”? If so, let them know about this great opportunity to learn more about OEM! Are you seeing patients with occupational illnesses or injuries such as musculoskeletal injuries with impairment for joints and the spine or opioid-related issues in the workplace? Are you asked to develop return-to-work plans for your patients? This session will provide a brief introduction on the ways that primary care physicians and other practitioners can benefit from the many resources of OEM. This session may be of particular interest to residents and recent graduates.

Session 102: Low Back Pain:

Thinking Outside the Disc CME/MOC: 3

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 our 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. Hands-on sessions will be offered throughout the conference for small group follow-up. Registration will be onsite.

Session 103: Business Leadership for Physicians: Necessary Knowledge Not Taught in

Medical School CME/MOC: 3

TRACK: Management and Administration in OEM

Edward J. Bernacki*, MD, MPH, FACOEM, Johns Hopkins University, Baltimore, MD

Roger L. Chaufourmier, MHSA, CSI Solutions, LLC, Bethesda, MD

Pamela Hymel*, MD, MPH, FACOEM, Walt Disney Parks and Resorts Health Services, Anaheim, CA

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

Craig D. Thorne*, MD, MPH, MBA, FACP, FACOEM, Erickson Living, Baltimore, MD

Health care is complex and fast-moving and occupational health physicians recognize that providing excellent care is not enough. They know that it is also critical to develop exceptional leadership skills and business acumen. This interactive workshop is designed to include succinct presentations on advanced leadership and management tools and case examples about how occupational health physicians have already positively impacted clinical care and program development within several companies. The lead speaker is a renowned health care business professor and the other faculty members are innovative occupational health physician leaders who have mastered leadership and management skills to present business cases for new or improved services with measureable return on investment, and process improvement techniques and tools to improve the delivery of occupational health services and demonstrate value. Attendees will have the opportunity to present their own management challenges to the faculty in advance and during the interactive workshop to maximize on this learning opportunity. Management challenges may be sent in advance to Dr. Craig Thorne at craig.thorne@erickson.com.

* = ACOEM Member

Sunday, May 3, 2015

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

OPENING SESSION



Session 100:
AOHC Opening Session:
C. O. Sappington Memorial Lecture... CME/MOC: 1.0

TRACK(S): Other

The opening session of the 100th annual meeting of the American College of Occupational and Environmental Medicine will feature presentation of the ACOEM annual awards followed by the C.O. Sappington Memorial Lecture. Named for Clarence Olds Sappington, MD, DrPH (1889-1949), a noted consultant in occupational diseases and industrial hygiene, this lecture is presented annually at AOHC to serve as a forum to address major issues in occupational and environmental medicine. Professor **Ewan B. MacDonald** with the University of Glasgow will present this year's lecture.

The AOHC Opening Session will also feature remarks by **RADM Boris D. Lushniak, MD, MPH**, Acting United States Surgeon General.

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

**Session 104: Update on ACOEM Initiatives
from HOD Officers..... CME/MOC: 1**

TRACK: Other

Paul J. Papanek*, MD, MPH, FACOEM, Cal/OSHA, Rancho Palos Verdes, CA

In order to promote better communication about key initiatives from the ACOEM Board and House of Delegates (HOD), the HOD officers will present an update on the following topics, as well as additional late-breakers that may become available. This session will cover: revised ACOEM Action Advocacy Agenda (2014); recent policy statements from the ACOEM Council of Scientific Advisors; public policy initiatives, including recent activities related to opioid prescribing, GME residency funding, proposed OSHA standards, proposed pesticide safety regulations; educational initiatives, including new tools to help our members become better educators themselves; and OEM practices initiatives, including guidance on OEM competencies and workers' compensation quality.

**Session 105: Medical Evaluation and Clearance
for Two Unique Types of Offshore Operations:
Diving Medicine and Helicopter Underwater Escape
Training and Water Survival Training CME/MOC: 1**

TRACK: OEM Clinical Practice

Stephen Frangos*, MD, MPH, FACOEM, Chevron, Houston, TX

Individuals who participate in physically strenuous training need to be medically evaluated and cleared prior to participating. The offshore work environment includes unique job positions that require a disciplined approach to fitness-for-duty. Scuba divers are subject medical exams and standards that have been developed by military or country-specific organizations. We will examine one of these standards in detail, the UK Health and Safety Executive (HSE). In addition, industry-leading best practices will be discussed that incorporate a medical examination and functional capacity evaluation (FCE) into a medical evaluation protocol, which allows the occupational health provider to make a medical clearance determination for workers to participate in Helicopter Underwater Escape Training (HUET) and Basic Offshore Safety Induction and Emergency Training (BOSIET) or other water survival training.

Session 106:
The Past is the Present CME/MOC: 1

TRACK: OEM Education and Scientific Research

Richard J. Heron*, MBChB, FRCP, FFOM, FACOEM, BP London, Sunbury-on-Thames, England

John D. Meyer*, MD, MPH, FACOEM, Mount Sinai School of Medicine, New York, NY

Charles Yarborough*, MD, MPH, FACOEM, CYHealthAssociates, Bethesda, MD

With three short presentations of OEM historical vignettes, the audience will develop a deeper understanding of what came before us and how our past accomplishments can formulate the answers to our current challenges. This year, a particular focus will be on the contributions of the City of Baltimore and the Johns Hopkins University to the field of OEM. This session was organized by the History and Archives Special Interest Section.

**Session 107: Career Transitions to Working in the
Federal Government as an Occupational Medicine
Physician CME/MOC: 1**

TRACK: Regulatory, Legal, Military, and Governmental OEM

Patricia Bray*, MD, MPH, FACOEM, Naval Health Clinic, Patuxent River, MD

Michael A. Montopoli*, MD, MPH, Department of Homeland Security, Office of Health Affairs, Washington, DC

Richard J. Thomas*, MD, MPH, FACOEM, OSHA, Office of Occupational Medicine, Washington, DC

With more than 50 years of combined experience, the faculty will discuss the following topics: the changing demographics of the federal workforce as the "baby boom" generation reaches retirement; how a career transition from a uniformed military health care provider to a federal civil service has professional and economic advantages; the scope of positions at the Centers for Disease Control and Prevention (CDC) and the Epidemic Intelligence Services (EIS); how positions in the federal civil service can lead to the ability to influence health care policy at senior levels; and provide examples of occupational physicians moving to and from the federal government to academia and private practice. This session was organized by the Federal and Military Occupational and Environmental Medicine Special Interest Section.

Sunday, May 3, 2015

3:15 p.m. - 5:30 p.m.

Session 108:

Occupational Dermatology Pearls CME/MOC: 2

TRACK: OEM Clinical Practice

Heather P. Lampel*, MD, MPH, FAAD, Duke University, Durham, NC
Timothy S. Wang, MD, Department of Dermatology, John Hopkins
Medicine, Baltimore, MD

Occupational medicine providers may be the first in line to provide treatment of occupational dermatoses. Contact dermatitis accounts for over 80% of all occupational dermatologic conditions. Irritant and allergic contact dermatitis are diagnostic challenges and subtle clues may be helpful in differentiating between the two. High-yield topics will be discussed including top allergens and new irritants in the workplace, overview of patch testing, work relatedness dermatologic criteria, and real-life case scenario. While dermatological disorders are some of the most common complaints presenting to occupational healthcare providers, access to dermatological services is often limited in the occupational health setting. Through the advent of teledermatology, occupational health care providers can gain unprecedented access to world-class experts in dermatology for consultation and triage. The Johns Hopkins Department of Dermatology web-based application that allows health care providers to submit patient information and images for medical consultation will be discussed. This session may be of particular interest to residents and recent graduates.

Session 109: What Constitutes Excellence: The Best Corporate Health and Safety Programs in America..... CME/MOC: 2

TRACK: Other

Fikry W. Isaac*, MD, MPH, FACOEM, Johnson & Johnson, New
Brunswick, NJ

The Corporate Health Achievement Award (CHAA) was first presented in 1997 to recognize organizations for their outstanding, comprehensive array of programs dedicated to protecting and improving the safety, health, and productivity of their workforces. During this session, 2015 CHAA recipients will discuss those aspects of their health programs that may serve as model practices for occupational and environmental medicine and highlight qualities of excellence identified by reviewers. These companies continue to demonstrate that building a culture of health and safety by focusing on the well-being and safety aspects of the workplace yields greater value when compared to companies that do not adhere to CHAA standards.



* = ACOEM Member

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

Session 110:

Ethical Issues of “Nudges” CME/MOC: 1

TRACK: Management and Administration in OEM

Nir Eyal, DPhil, Harvard School of Public Health, Boston, MA
Halley S. Faust, MD, MPH, MA, FACPM, University of New Mexico,
Santa Fe, NM
Yashar Saghai, MA, PhD, Johns Hopkins Berman Institute of
Bioethics, Baltimore, MD

Authors Cass Sunstein and Richard Thaler describe a nudge as “any aspect of the choice architecture that alters people’s behavior in a predictable way without forbidding any options or significantly changing their economic incentives. To count as a nudge, the intervention must be easy and cheap to avoid. Nudges are not mandates.” Nudges have gained particular momentum in worksite health programs, attempting to promote healthy behavior and discourage health-defeating behaviors. The promotion of a nudge has brought about the concern of potential abuse, including worries about paternalism, choice, persuasion, manipulation, dehumanization, stigma, and humiliation. The use of a nudge requires a careful analysis of the ethical base of application to employees. This session will explore the relevant ethical concerns and resolutions that may be relevant to worksite health promotion managers in developing healthier workplaces.

Session 111: Evidence at Your Fingertips: Resources to Help You Manage Chronic Medical Conditions of an Aging Work Force..... CME/MOC: 1

TRACK: OEM Clinical Practice

Deborah Korenstein, MD, FACP, Philadelphia, PA

Medical care of an aging workforce is increasingly dominated by the management of chronic medical conditions such as diabetes and hypertension. Rapidly changing guidelines may be an obstacle to proper management, and while electronic resources to help guide care are plentiful, they vary in quality and usability. This session will use case vignettes to demonstrate strategies for quickly accessing high-quality evidence-based information to guide chronic disease management. Participants will learn to quickly access high-quality guidelines, point-of-care decision support tools, and patient information and to incorporate them into the busy clinical workflow. The session will emphasize ACP resources including ACP Smart Medicine, guidelines, and patient education tools, as well as other point-of-care tools such as DynaMed, guidelines from other organizations including the USPSTF and the American College of Cardiology, and patient resources from *Consumer Reports*.

Session 112: ACOEM Current Position Papers and How to Expertly Highlight or Share Them as a Part of Professional Outreach to Shareholders or Clients CME/MOC: 1

TRACK: Management and Administration in OEM

Mark J. Bouquet*, MD, MPH, MS, The Dow Chemical Company,
Plaquemine, LA
Allison L. Jones*, MD, MS, FACOEM, Urbana, IL

ACOEM has many position papers on a variety of current and timely OEM practice topics. Understanding how to communicate these topics to shareholders such as patients, fellow physicians, and individuals outside of your own department as a part of continuing education or outreach will be highlighted. Two pre-made presentations will be shared with the attendees that they may convey for their personal use. This session was organized by the Residents and Recent Graduates Special Interest Section.

Sunday, May 3, 2015

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

Session 113: OEM Specialty Teleconsultation for Veterans and Providers: Department of Defense-Veterans Health Administration Perspectives CME/MOC: 1

TRACK: OEM Clinical Practice

Coleen P. Baird*, MD, MPH, FACOEM, US Army Public Health Command (USAPHC), Aberdeen Proving Ground, MD
Sheila L. Butler*, MD, MPH, War-related Illness and Injury Study Center (WRIISC), NJ Health Care System Department of Veterans Affairs, East Orange, NJ
Deanna K. Harkins, MD, MPH, US Army Public Health Command (USAPHC), Aberdeen Proving Ground, MD
Jennifer Lipkowitz-Easton*, MD, MPH, Veterans Health Administration, Office of Public Health, Occupational Health Group, Washington, DC
Onowunmi Osinubi*, MD, MSc, MBA, FRCA, ABIHM, War-related Illness and Injury Study Center, NJ VA Medical Center, East Orange, NJ

This session will discuss the evolution of OEM specialty teleconsultation in the Department of Defense and Veterans Health Administration, including history and current applications to improve care of veterans. OEM specialists perform a variety of consultative services across the federal sector including military occupational exposure assessment, evaluation of complex cases in post-deployment care, medical center employee health service management, and individual health risk communication. Panelists will review types of clinical and administrative issues that can be effectively addressed through OEM teleconsultation. Audience participation is a key part of the program and session participants will be encouraged to share their own experiences and to identify challenges and opportunities in this OEM practice growth area.

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

Session 114: So, You Want to Be an ACOEM Leader?..... CME/MOC: 1

TRACK: Management and Administration in OEM

Jennifer H. Christian*, MD, MPH, FACOEM, Webility Corporation, Wayland, MA
Marianne Cloeren*, MD, MPH, FACOEM, Managed Care Advisors, Bethesda, MD
Barry Eisenberg*, CAE, ACOEM, Elk Grove Village, IL
Stephen Frangos*, MD, MPH, FACOEM, Chevron, Houston, TX
Constantine J. Gean*, MD, MS, MBA, FACOEM, Liberty Mutual Insurance Company, Glendale, CA
Paul J. Papanek*, MD, MPH, FACOEM, Cal/OSHA, Rancho Palos Verdes, CA
Tanisha K. Taylor*, MD, MPH, FACOEM, Barnabas Health Corporate Care, Lakewood, NJ

Have you ever wondered how ACOEM makes decisions? Thought about what you may be able to achieve if you were in a leadership role? Thinking about serving on a committee or running for office, but wondering about the time commitment? This session will explain how ACOEM leaders are developed, nominated, and selected or elected. Topics will include committees and councils, and Board of Directors and House of Delegates leadership roles, and Officers. Following an overview, there will be the opportunity to ask questions of ACOEM leaders. This session may be of particular interest to residents and recent graduates.

Session 115: International Panel Discussion CME/MOC: 1
TRACK: Other

Karl Auerbach*, MD, MS, MBA, FACOEM, Pulse Occupational Medicine, Greece, NY
Kathryn L. Mueller*, MD, MPH, FACOEM, University of Colorado Anschutz Medical Campus, Denver, CO

Representatives of various international occupational groups will discuss issues of common concerns, challenges, and opportunities facing occupational medicine across the world. Audience participation is a key part of the program and session participants will be encouraged to raise questions and offer additional insights.

Session 116: Individual Abstract Presentations CME/MOC: 1

TRACK: OEM Education and Scientific Research

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

Session 117: Individual Abstract Presentations CME/MOC: 1

TRACK: OEM Education and Scientific Research

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

EXHIBIT HALL OPENING AND RECEPTION

Join the ACOEM Board of Directors and the Program Planning Committee for the Opening Reception on Sunday, May 3 from 5:30 p.m. - 7:30 p.m. Network with friends over food and drink, see what exciting products and services the exhibitors are showing, and view the impressive poster presentations.



Monday, May 4, 2015

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

Session 201: Becoming Board Certified and Maintaining Board Certification in Occupational Medicine CME/MOC: 1

TRACK: Other

Clare Bonnema, American Board of Preventive Medicine, Chicago, IL
William W. Greaves*, MD, MSPH, American Board of Preventive Medicine, Chicago, IL
Ron Stout*, MD, MPH, MPH-HA, FACOEM, FACPM, FAAFP, Procter & Gamble, Mason, OH

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 202: Healthy Ways to Partner with a Mentor or Recruiter During Your OEM Professional Journey CME/MOC: 1

TRACK: Management and Administration in OEM

Mark J. Bouquet*, MD, MPH, MS, The Dow Chemical Company, Plaquemine, LA
Allison L. Jones*, MD, MS, FACOEM, Urbana, IL

Understanding state-of-the-art methods of how to evaluate a contract for OEM work and ways to best present yourself professionally have been presented as part of Residents and Recent Graduates (RRG) section offerings at recent AOHCs. Tools related to these presentations have been created and circulated to RRG members as a benefit. This year we hope to offer an in-depth panel discussion and opportunity to meet with OEM shareholders in the area of working with a career mentor and discuss how to effectively partner with various types of Recruiters as a part of your professional life, be it for your first post-residency job or for further career-interest changes or advancements throughout your professional life. This session was organized by the Residents and Recent Graduates Special Interest Section.

Session 203: Becoming an ACOEM Fellow..... CME/MOC: 1

TRACK: Other

Natalie Hartenbaum*, MD, MPH, FACOEM, OccuMedix, Dresher, PA

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 Fellowship application process.

Session 204: Occupational Surveillance for Department of Defense Firearms Instructors CME/MOC: 1

TRACK: Environmental Health and Risk Management

Steven M. Hetrick*, MD, MPH, FACOEM, Wilford Hall Ambulatory Surgical Center, San Antonio, TX

Several teams of military fire arms instructors have complained of developing physical effects while instructing at the Lackland outdoor firing range. Symptoms predominantly point to mucosal surface irritation, but a few instances have been reported indicating systemic illness. Worker symptoms appear to coincide with exposure to firing-line smoke and gasses. Stock ammunition is composed of frangible rounds. This session will articulate worker complaints and the subsequent workplace investigation, including the industrial hygiene surveillance and medical monitoring employed.

Session 205: How to Design Competency-based Educational Programs..... CME/MOC: 1

TRACK: Other

Francesca K. Litow*, MD, MPH, FACOEM, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
Erik J. Won*, DO, MPH, MBA, FACOEM, Boeing, Long Beach, CA

Educational institutions and ACOEM components can be challenged by the requirements of obtaining CME and MOC credit and this poses a barrier to offering OEM CME and MOC programs. This session will outline the process of planning educational programs for OEM physicians, and will orient attendees to the steps in submitting CME/MOC sponsorship applications for educational programs that align with the ACOEM OEM competencies. During the session, attendees will participate by identifying educational gaps in their local area, selecting topic areas and matching those areas to ACOEM competencies, and selecting faculty who would be appropriate instructors for the content of a sample educational program. The ACCME requirements in a standard CME/MOC application form will be reviewed, and strategies for obtaining required data and completing documentation to obtain CME/MOC credit for content will be discussed. This session will also include a discussion of the conference planning and logistics processes necessary for hosting a successful meeting. Attendance at this session is by invitation only.

* = ACOEM Member

Monday, May 4, 2015

8:30 a.m. - 10:00 a.m.

Session 206: What Employees with Obesity Want: Research-based Insights for Employers CME/MOC: 1.5

TRACK: Management and Administration in OEM

Kevin McCabe*, MD, Occupational Health and Wellness, Racine, WI
Charles P. Reynolds*, MS, The Benfield Group, St. Louis, MO
Bruce Sherman*, MD, FCCP, FACOEM, Employers Health Coalition, Canton, OH

This presentation will provide participants with research-based insights to improve the effectiveness and efficiency of their obesity prevention and management strategies. The Benfield Group completed a survey of 600+ fully employed individuals who were obese or overweight with related co-morbidities. Using a unique methodology that enables quantification of qualitative data, the research explored life and work/career impacts of excess weight; experiences with weight-loss attempts; experiences, impacts, and preferences regarding physician support and employer-sponsored programs; and perceptions and preferences regarding weight loss medicines. Data analyses revealed distinct cluster-types, with each cluster analyzed to identify differentiating attributes. Research implications will be presented, providing insights to help attendees leverage employee communications, wellness programs and benefit design to improve their obesity prevention and management strategies.

Session 207: Improving Care for Low Back Pain CME/MOC: 1.5

TRACK: OEM Clinical Practice

Harris Allen, PhD, Harris Allen Group, Brookline, MA
William Bunn*, MD, JD, MPH, FACOEM, Hilton Head Island, SC
Michael Erdil*, MD, FACOEM, Occupational and Environmental Health Network, Marlborough, MA

Much clinical uncertainty still exists regarding care for low back pain (LBP), the number one issue for workers' compensation claims. Despite sharp increases in the use of treatments ranging from imaging to opioids to surgery, there is no clear evidence to date linking LBP to improved functional status and declining work disability. As guidelines for improving LBP care are disseminated, a key contribution that employers can make is the cultivation of evidence. The results from a recent study of the workforce at a major self-insured employer will be presented to address issues key to a successful program of illness prevention and reduction of workers' compensation, disability and health care costs (e.g., the treatment choices that employees and clinicians make; the impact of these choices on total costs; the extent to which congruence with these guidelines alters this impact). Implications for ACOEM guideline conclusions, provider recommendations, and patient education will be discussed.

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

Session 208: NIOSH-OSHA Workplace Investigation CME/MOC: 3

TRACK: Regulatory, Legal, Military, and Governmental OEM

Judith Eisenberg, MD, MS, CDC NIOSH, Cincinnati, OH
Kathleen Fagan*, MD, MPH, FACOEM, OSHA, Washington, DC
Michael J. Hodgson*, MD, MPH, OSHA/DOL, Washington, DC
Clifford S. Mitchell, MS, MD, MPH, Maryland Department of Health and Mental Hygiene, Baltimore, MD
Elena Page*, MD, MPH, NIOSH/CDC, Cincinnati, OH

Richard J. Thomas*, MD, MPH, FACOEM, OSHA, Office of Occupational Medicine, Washington, DC
Christine West, PhD, RN, COHN-S, NIOSH, Cincinnati, OH

OSHA and NIOSH medical officers 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 be included.

Session 209: Commercial Driver Medical Examinations: Update and Complicated Cases: Beyond the Medical Examiner Handbook CME/MOC: 3

TRACK: OEM Clinical Practice

Natalie Hartenbaum*, MD, MPH, FACOEM, OccuMedix, Dresher, PA
Kurt T. Hegmann*, MD, MPH, FACP, FACOEM, University of Utah, Rocky Mountain Center for Occupational and Environmental Health, Salt Lake City, UT
Eric Wood*, MD, MPH, Rocky Mountain Center for OEH, University of Utah, Salt Lake City, UT

The first part of this session will provide an update on the National Registry of Certified Medical Examiners and other issues that affect commercial driver medical examiners, focusing on issues that have arisen since AOHCE 2014. The second part of the session will discuss resources beyond the *Medical Examiner Handbook* an examiner might consider in evaluating challenging cases. This session was organized by the Transportation Special Interest Section.

Session 210: Resident Research Abstract Presentation CME/MOC: 3

TRACK: OEM Education and Scientific Research

John D. Meyer*, MD, MPH, FACOEM, Mount Sinai School of Medicine, New York, NY

This session 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.

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

Session 211: Doctors, Nurses, Licenses, Practice Quality, and Injury Under-reporting CME/MOC: 1.5

TRACK: Management and Administration in OEM

Pam Carter, RN, MSN, COHNS, FAOHN, American Association of Occupational Health Nurses, Pensacola, FL
Kathleen Fagan*, MD, MPH, FACOEM, OSHA, Washington, DC
Michael J. Hodgson*, MD, MPH, OSHA/DOL, Washington, DC
Robyn Robbins, United Food and Commercial Workers Union, Washington, DC

Clinical licensure represents a state-based qualification, with marked differences in scope of practice. Actual clinical practice depends on setting, quality management, training, and teamwork. We will present results for four states (Alabama, Florida, North Carolina, Georgia) of an assessment of practice levels and quality. We obtained scope of practice information and assessed practice patterns in one plant in and from each of four states. Various levels of licensed nurses were clearly unaware of their permitted clinical scope; physicians were unaware of appropriate collaborative and supervisory practices and responsibilities. The consequences clearly led to misclassification and under-reporting of injury.

Monday, May 4, 2015

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

Session 212: Occupational and Work-related Asthma Guidelines..... CME/MOC: 1.5

TRACK: OEM Clinical Practice

Philip Harber*, MD, MPH, FACOEM, University of Arizona, Tucson, AZ
Julia E. Klees*, MD, MPH, FACOEM, BASF Corporation, Florham Park, NJ

Occupational asthma has become the most common form of occupational lung disease in many industrialized countries, with approximately 10-15% of all prevalent cases of adult asthma attributed to occupational factors; work exacerbation affects 25% of asthmatics. ACOEM recently produced evidence-based guidelines for occupational/work-related asthma. This session will review the diagnosis of work-related occupational asthma, review the benefits and harms of the diagnostic tests used, identify the best practices for diagnosing asthma, and managing asthma to ensure that the patient is receiving the most effective treatment. This session will consist of lectures, interactive discussion, and case studies. This session may be of particular interest to residents and recent graduates.

WORKSITE VISIT



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

Worksite Visit 801: Occupational Health at the Maryland Zoo in Baltimore..... CME/MOC: 3.0

The worksite visit to the Maryland Zoo in Baltimore will start with a presentation on zoo hazards and health and safety programs for employees. This overview will cover zoonosis, envenomation, and emergency response, as well as more routine issues such as traumatic injuries. This will be followed by a tour to an animal care area with a talk by one of the animal caretakers. The visit will conclude with a tour of the animal hospital to see the similarities and differences compared to a human hospital and learn more about zoo veterinarian risks. Note – this worksite visit requires a great deal of walking and time outdoors. Please wear sturdy, closed-toe shoes and dress appropriately for the weather (i.e., jacket, umbrella, poncho). **Advanced registration required, additional fee applies.**

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

Session 213: 33 Lessons from 33 Years in Occupational Health CME/MOC: 1.5

TRACK: Management and Administration in OEM

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

This session will provide physicians with a series of 33 suggestions for better understanding the occupational health vision and their potential role in supporting this vision. All observations will be based on the speaker's 33 years in the field, including 30 years as president/CEO of RYAN Associates and 24 years as executive director of the National Association of Occupational Health Professionals. The speaker will address myriad issues important to occupational medicine physicians such as product design and integration, multiple-party relationships and communication, and associating value with occupational medicine services. Changes in the discipline during the past 33 years – both constructive and destructive – will be reviewed in the context of moving forward most effectively.

Session 214: ACOEM TED Talks: How to Plan and Deliver Outstanding OEM Presentations CME/MOC: 1.5

TRACK: OEM Education and Scientific Research

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

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

T. Warner Hudson*, MD, FACOEM, FAFAP, UCLA, Los Angeles, CA
Bernyce Peplowski*, DO, MS, FACOEM, US HealthWorks Medical Group, San Francisco, CA

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

A core skill for population health management competency is communication – the ability to organize and deliver effective presentations to diverse groups of people. This session offers simple, powerful tools for every presenter to advance from a “good” to “great” to “outstanding” presenter. Outstanding presenters gain attention and inspire audiences, convey powerful messages clearly, and impact behaviors to narrow learning gaps – all leading to positive health outcomes. The new ACOEM Teaching Academy will outline its mission of inspiring teaching excellence within ACOEM and preview key skills from a new series of teaching videos being released by ACOEM. Outstanding presenters will deliver succinct summaries on the following topics: a) the Journey to Becoming an Excellent Presenter; b) How to Prepare an Effective Presentation; c) Creating High Impact Teaching Materials; d) Speaking Skills: How to Deliver Magic with Confidence; and e) Practical Ways to Engage Your Audience and Foster Enduring Learning. This session may be of particular interest to residents and recent graduates.

* = ACOEM Member

Monday, May 4, 2015

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

Session 215: Improve Your Ability to Critically Appraise Scientific Evidence CME/MOC: 1.5

TRACK: OEM Education and Scientific Research

Judith Green McKenzie*, MD, MPH, FACR, FACPM, FACOEM,
University of Pennsylvania Perelman School of Medicine,
Philadelphia, PA
John Piacentino*, MD, MPH, FACOEM, NIOSH, Washington, DC

Assessing and integrating new scientific information into professional practice is an essential skill for physicians committed to enhancing their medical knowledge, continuously improving their professional practice, and effectively communicating with workers, employers and communities. This educational activity is intended to provide physicians with an opportunity to refresh their knowledge and ability to critically appraise the scientific evidence and translate it into professional practice. This session will emphasize assessment of fundamental elements of scientific evidence such as study hypothesis and design, methods for data collection, choice of statistical analysis or evaluation criteria, and internal and external validity. Participants will be given an opportunity to assess selected examples from the occupational and environmental medicine literature. Time will also be reserved for questions and sharing tools and resources for critical appraisal. This session may be of particular interest to residents and recent graduates.

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

Session 216: Occupational and Environmental Cancer: Risk Evaluation and Causation.... CME/MOC: 3

TRACK: Environmental Health and Risk Management

Michael L. Fischman*, MD, MPH, FACOEM, University of California,
San Francisco, CA
Joseph K. McLaughlin, PhD, MPH, MS, IEI & Vanderbilt Ingram
Cancer Center, Rockville, MD
James P. Seward*, MD, MPP, FACOEM, University of California, San
Francisco, CA

In various settings, occupational physicians are asked to offer opinions regarding the likely risk for cancer associated with occupational or environmental exposures and, in some cases, regarding the causation of a particular individual's cancer. In this session, we will discuss useful approaches to attempt to address these questions, including some relevant principles and factors, e.g., differing concepts of and criteria for assessing causation, sources of evidence for classification of carcinogenic agents, and dose response and epidemiologic considerations. Specific examples will be used to illustrate these approaches and their limitations with regard to evaluating the impact of chemical and ionizing radiation exposures (including the impact of the Fukushima nuclear reactor disaster).

Session 217:

Public Safety Medicine Update 2015..... CME/MOC: 3

TRACK: OEM Clinical Practice

L. Kristian Arnold*, MD, MPH, ArLac Global Health Services,
Lexington, MA
Fabrice Czarnecki*, MD, MA, MPH, FACOEM, The Gables Group, Inc.,
Baltimore, MD
Edward I. Galaid*, MD, MPH, Roper St. Francis Health Care,
Charleston, SC
Thomas Hales*, MD, MPH, NIOSH, Cincinnati, OH
David Louis*, MD, MS, FACOEM, Crown Equipment Corporation, New
Bremen, OH
Daniel G. Samo*, MD, FACOEM, Northwestern Medical Group,
Chicago, IL

This session is designed for those wanting to keep up with latest occupational medical guidance for firefighters, law enforcement officers (LEO) and emergency medical service workers. Learn about the complex world of firefighter cancer presumption laws and the evidence linking firefighting and cancer. Explore the causation of firefighter/LEO on-duty cardiovascular events and how physicians can help lower the risk of these events by addressing both behaviors and utilizing non-invasive testing. Review the newest section of ACOEM's *Guidance for the Medical Evaluation of Law Enforcement Officers* covering sleep issues and improve skills to evaluate sleep disorders in applicants and incumbents. Finally, dissect the important elements of a LEO pre-placement medical evaluation and construct effective, evidenced-based, LEO new hire exams. In addition to the didactic content, there will be time for real-world questions and discussions with leading public safety medicine researchers and practitioners. This session was organized by the Public Safety Medicine Special Interest Section.

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

Session 218: Using OEM Principles and Practices as the Foundation of Post-deployment Care in the VA CME/MOC: 1.5

TRACK: Regulatory, Legal, Military, and Governmental OEM

Stephen C. Hunt, MD, Veterans Health Administration, Seattle, WA
Steven R. Kirkhorn*, MD, MPH, FACOEM, Minneapolis VA Health Care
System, Minneapolis, MN
Jennifer Lipkowitz-Easton*, MD, MPH, Veterans Health
Administration, Office of Public Health, Occupational Health Group,
Washington, DC

Since 2003, 2.6 million U.S. military personnel have deployed to combat service in Iraq and Afghanistan. Such service involved "work activities" and environments exposing these individuals to matrix of risks in the physical, psychological and social domains. The VA has adopted an approach to post-deployment care based upon the principles and practices of OEM: 1) taking a history of combat work activities and environments; 2) determining health impacts; and 3) crafting integrated treatment plans oriented toward "recovery and reintegration," both personal and occupational. The VA model uses integrated medical, mental health and social work teams providing interdisciplinary evaluations, treatment planning and team-based follow-up. By developing this model through the Post-Deployment Integrated Care Initiative (PDICI) and the War Related Injury and Illness Study Centers (WRIISCs) VA is both enhancing post-combat care as well as broadening the reach and stature of OEM as a medical specialty in VA.

Monday, May 4, 2015

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

Session 219: Practical Uses of the New ACOEM Spine Guidelines..... CME/MOC: 1.5

TRACK: OEM Clinical Practice

Jeffrey S. Harris*, MD, MPH, MBA, FACOEM, The Permanente Medical Group, Mill Valley, CA
Kurt T. Hegmann*, MD, MPH, FACP, FACOEM, University of Utah, Rocky Mountain Center for Occupational and Environmental Health, Salt Lake City, UT
Kathryn L. Mueller*, MD, MPH, FACOEM, University of Colorado Anschutz Medical Campus, Denver, CO

Back complaints are some of the most common conditions that occupational physicians treat. The new ACOEM back guidelines provide information on the evidence, or lack thereof, for the benefits and harms of common tests, treatments, procedures, and medications used for back complaints. Participants will work in groups to apply these new findings to real-life case scenarios in a workshop setting with the assistance of guideline contributors and experts. We will discuss and apply the best evidence on topics such as: 1) the evidence supporting exercise, cognitive behavioral therapy, and other non-pharmacologic treatments; 2) the use of medications in acute and chronic back pain; 3) when and how opioids should be used for back pain; and 4) the risks and benefits of surgery and injections versus conservative therapy for common spinal conditions. Participants will develop strategies and sequential plans to manage medical care and disability. This session may be of particular interest to residents and recent graduates.

Session 220: The Independent Medical Examination CME/MOC: 1.5

TRACK: Regulatory, Legal, Military, and Governmental OEM

Douglas W. Martin*, MD, FACOEM, FAFAP, FAADER, UnityPoint Clinic, Sioux City, IA

This session will address the fundamentals of preparing for, conducting, and reporting of the independent medical examination (IME). The speaker will share his 20 years of experience in performing IMEs for a variety of medicolegal benefit systems and discuss important tools of the trade. This course is primarily intended for those occupational physicians who are wanting to incorporate IMEs into their practices or who are just starting out; however, seasoned IME providers may also find the discussion helpful as trends and future visions will also be reviewed. This session was organized by the Private Practice in Occupational Medicine Special Interest Section.



* = ACOEM Member

5:15 p.m. - 6:15 p.m.

Session 221: The FCE: A Demonstration with Enhancements Targeting Disability Prevention CME/MOC: 1

TRACK: OEM Clinical Practice

Michael Caruso, PT, FAAOMPT, Occupational Rehabilitation Associates, Ellicott City, MD

A functional capacity evaluation (FCE) has been defined as an activity assessment used to make recommendations for participation in work. Although commonly marketed as “proven to objectively determine physical capacity,” FCE results are interpreted more correctly as behavioral tests of functional ability, influenced by a multitude of factors including cognitive, emotional, and physical variables; pain and pain-related constructs (pain intensity, pain-related fear, pain expectations, and perceived pain control) and always have a subjective component. Pain-related constructs challenge self-efficacy. Self-efficacy is strongly related to good outcomes, while performance on the functional task battery scores and consistency of effort are not. This presentation will demonstrate an approach to the FCE with enhancements that have potential to impact IW self-efficacy.

Session 222: Best Practices in EU Work Disability Management: Implications for the U.S. CME/MOC: 1

TRACK: Management and Administration in OEM

Jennifer H. Christian*, MD, MPH, FACOEM, Webility Corporation, Wayland, MA
Marianne Cloeren*, MD, MPH, FACOEM, Managed Care Advisors, Bethesda, MD
Richard J. Heron*, MBChB, FRCP, FFOM, FACOEM, BP London, Sunbury-on-Thames, England
Herman Spanjaard, MD, Dutch Society Occupational Medicine, Utrecht, The Netherlands

As the U.S. struggles with the economic and social consequences of over-reliance on the medical model and ineffective management of work disability, it may be useful to turn to our colleagues in the European Union (EU) to see what we can learn from them. This session will present an overview of work disability management and systematic approaches to preventing unnecessary work disability in several countries in the EU, with particular focus on what these approaches have meant to the specialty of occupational medicine in these countries. Presenters will use the example of low back injury to explain how this condition would be managed, considering differences if work-related or not. The session will include a period of Q&A. Panelists will include representatives from the UK, the Netherlands, Georgia, and Croatia. This session was organized by the Work Fitness and Disability Special Interest Section.

Session 223: Updates on Epigenetic and Exposure Data on Pesticide and Herbicide for the Occupational Health Clinician..... CME/MOC: 1

TRACK: Environmental Health and Risk Management

Melissa Perry, PhD, George Washington University School of Public Health, Washington, DC
Kenneth R. Spaeth*, MD, MPH, MOEH, North Shore LIJ Health System, Great Neck, NY

This program contains subject matter relating to the latest findings and epidemiological and exposure data regarding pesticide and herbicide toxicity, from effects at the level of the DNA to gene-environment interactions to endocrine disrupting effects. Additionally, there will be updates on biomonitoring including pre-disease biomarkers. This session was organized by the Environmental Health Special Interest Section.

Monday, May 4, 2015

5:15 p.m. - 6:15 p.m.

Session 224: NASA Occupational Health: Don't Leave Your Planet Without It CME/MOC: 1

TRACK: OEM Clinical Practice

Vincent J. Michaud, MD, MPH, National Aeronautics and Space Administration (NASA), Washington, DC

NASA's occupational health program is responsible for the health of astronauts and those on the ground supporting the space program. Health risks include explosive chemicals, nuclear reactors and the effects of vacuum and microgravity in space. While in space, astronauts rely on NASA's occupational health program for all their health needs. This session will present NASA's approach to fitness for duty, managing medical emergencies in space, health effects – including psychological impact of isolation, medical surveillance, and management of work injuries. This session was organized by the Metropolitan Washington College of Occupational and Environmental Medicine, an ACOEM component society.

Session 225: Implication of Climate Change for Occupational Health Clinicians CME/MOC: 1

TRACK: Environmental Health and Risk Management

Tee Guidotti*, MD, MPH, DABT, FACOEM, Medical Advisory Services, Rockville, MD
Peter LaPuma, PhD, PE, CIH, George Washington University, Washington, DC
Jasmine Rogers, Risky Business Climate Project/Next Generation, San Francisco, CA
Linsey Rudolph, MD, National Network of Public Health Institutes, Oakland, CA

This session presents concepts regarding climate change for practicing occupational medicine physicians to help develop health and safety policy for their employer to best mitigate the associated risks. Information will be presented regarding disaster preparedness and health hazard evaluation for industry. An overview of current national policy regarding climate change will also be presented for anticipating changes in regulatory requirements. A presentation will also include ideas regarding sustainable practices for organizations to adopt as public recognition increases about this issue. This session was organized by the Environmental Health Special Interest Section.

OPTIONAL EVENT

Baltimore Museum of Industry – Centennial Kick-off!

Monday, May 4, 2015 | 6:30pm-9:30pm
\$50.00 Per Person



100 years! Join your colleagues in recognizing the beginning of ACOEM's centennial celebration (which will culminate at the 2016 AOHC in Chicago) by attending the optional social event at the Baltimore Museum of Industry on Monday evening, May 4.

This one-of-a-kind museum simply cannot be missed as it speaks to the core of occupational medicine—workers and their work environment—and demonstrates the “where we’ve been” aspect of ACOEM’s centennial observance of 1916 to 2016.

The Baltimore Museum of Industry (BMI) is a unique and special place. Unlike many museums, BMI's exhibits do not document the lifestyle of the elite. Instead, BMI depicts people who are often overlooked: the workers, small business owners and others who built our collective history.

The BMI's collections are evocative documentation of Baltimore's industrial underpinnings. Vignettes explain how Baltimore's residents—no matter their station in life, race, ethnicity or occupation—contributed. Through fascinating artifacts showcasing work environments of the past, this eclectic curation allows you to explore the industrial and technological heritage of the region's industries and the people who created and worked in them.

Bus transportation will be provided continuously between the Hilton Baltimore (site of AOHC) and the museum. Advance registration is required. Ticket price includes full museum access including three special-exhibit galleries—the Cannery, the Garment Loft and the Print Shop—plus two drinks and a lovely buffet meal themed to reflect Baltimore's neighborhoods. In recognition of this evening as the beginning of our centennial celebration, ACOEM is subsidizing part of the cost to ensure that it becomes a must-attend event.

www.thebmi.org



Tuesday, May 5, 2015

WORKSITE VISIT



7:30 a.m. - 11:30 a.m.

Worksite Visit 802: GM Powertrain .. CME/MOC: 3.0

Tour the highly green and environmentally friendly General Motors plant. Discuss health and safety challenges in the setting of labor agreements and union collaboration. Attendees should wear long pants, closed-toe shoes (no heels higher than 2 inches).

Advanced registration required, additional fee applies.

8:30 a.m. - 10:00 a.m.

Session 301: Integrating Health and Safety in the Workplace..... CME/MOC: 1.5

TRACK: Management and Administration in OEM

Todd Hohn, CSP, Underwriters Laboratories, Inc, Northbrook, IL
Pamela Hymel*, MD, MPH, FACOEM, Walt Disney Parks and Resorts Health Services, Anaheim, CA
Ronald R. Loeppke*, MD, MPH, FACOEM, FACPM, US Preventive Medicine, Brentwood, TN
Robert K. McLellan*, MD, MPH, FACOEM, Dartmouth-Hitchcock Medical Center, Lebanon, NH

Integrating traditionally independent health promotion and health protection activities will create synergy, enhancing the overall health and well-being of the workforce while decreasing the likelihood of workplace injury and illnesses. For integration of health and safety programs to succeed as a concept in the workforce, it must go beyond the conceptual. ACOEM, in conjunction with safety organizations, identified successful integrated health and safety practices and translated such that they can be readily adopted by work forces of all sizes and across industries. This session will then review these successful practices/case studies and discuss the road map which has been developed for employers to integrate health and safety activities within their workplaces. These initiatives will move occupational health and safety along the continuum and positively impact overall wellness in the workplace. This session was organized by the Health and Productivity Special Interest Section.

* = ACOEM Member

Session 302:

Neurological Fitness-for-Duty..... CME/MOC: 1.5

TRACK: OEM Clinical Practice

Jonathan S. Rutchik*, MD, MPH, FACOEM, UCSF, Mill Valley, CA

Occupational medicine practitioners are often faced with challenging decisions when faced with a patient with a nonindustrial neurological condition who is asking to return to work. Post graduate training and continuing medical education in occupational medicine does not routinely offer courses in the neurological exam or the natural history of neurological conditions to allow the practitioner to address worker fitness. Neuroepidemiology is also not routinely covered in these didactic training. Further complexity arises when the patient is a commercial drivers, police officer, fire-fighter, hazardous waste worker, or aviation pilots where there is a potential risk to oneself or others. These issues have a direct impact on public safety. The presenter, who is a physician board certified in both neurology and occupational medicine, will discuss neurological conditions such as seizures, stroke, head trauma, multiple sclerosis, tremor, neuropathy and medication use in patients employed in safety-sensitive positions. Participants will become familiar with the algorithms necessary to evaluate these patients.

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

Session 303: Clinical Advances in Occupational Health and Safety Among Underserved Occupational Populations in the U.S.....CME/MOC: 3

TRACK: OEM Clinical Practice

Thomas A. Arcury, PhD, Wake Forest School of Medicine, Winston-Salem, NC
Xochitl Castaneda, MA, Health Initiative of the Americas, School of Public Health, University of California, Berkeley, CA
Linda Forst*, MD, MPH, MS, University of Illinois at Chicago School of Public Health, Division of Environmental and Occupational Health Sciences, Chicago, IL
Joseph A. Fortuna*, MD, MACOEM, Prism, New Orleans, LA
Ismail Nabeel*, MD, MPH, FACOEM, The Mount Sinai Hospital, New York, NY
Paul J. Papanek*, MD, MPH, FACOEM, Cal/OSHA, Rancho Palos Verdes, CA

This session will consist of reports from six experts in the field of occupational health and safety for underserved occupational populations. Speakers will present their research as it applies to clinical advancements in: 1) the prevention of a variety of occupational illnesses and injuries; 2) the treatment and/or management of selected occupational illnesses and injuries in these populations; 3) expanding access for these populations to occupational and non-occupational health care; and 4) the use of novel, innovative technologies in the delivery of health care services to these working underserved populations. This session was organized by the Underserved Occupational Populations Special Interest Section.

Tuesday, May 5, 2015

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

Session 304: Ebola and Other Emerging Occupational Infections CME/MOC: 3

TRACK: Management and Administration in OEM

Okon Akiba*, MBBS PGCOH, NNPC/Olokola LNG, Lagos, Nigeria
Michael J. Hodgson*, MD, MPH, OSHA/DOL, Washington, DC
Professor Robert L. Quigley, MD, DPhil, International SOS Assistance, Inc., Trevose, PA
Michael Sauri*, MD, MPH&TM, FACP, FACPM, FACOEM, FRSTM&H, CTropMed, Occupational Health Consultants, Rockville, MD

The Ebola outbreak poses a risk to the global workforce. This session will address protecting first responders, laboratory and health care personnel; managing risks to workers in Africa; quarantine, transport, and evacuation of expatriate employees; and data on outbreak evolution.

Session 305: MRO Controversies CME/MOC: 3

TRACK: Regulatory, Legal, Military, and Governmental OEM

Karl Auerbach*, MD, MS, MBA, FACOEM, Pulse Occupational Medicine, Greece, NY
Natalie Hartenbaum*, MD, MPH, FACOEM, OccuMedix, Dresher, PA
Douglas W. Martin*, MD, FACOEM, FAAFR, FAADER, UnityPoint Clinic, Sioux City, IA
Kent W. Peterson*, MD, FACOEM, Occupational Health Strategies, Charlottesville, VA
Donna R. Smith, PhD, EDPM, Inc., Birmingham, AL
Robert Swotinsky*, MD, FACOEM, Consultant, Occupational Medicine, Sudbury, MA

The MRO Controversies session has become a staple of AOHC, where topics are discussed that go beyond what is typically covered in the various MRO training courses sponsored by ACOEM and other training organizations. Challenging issues including medical and recreational marijuana use, alternative testing methodologies, use of drug testing as a surrogate for fitness for duty and designer drug use are examples of topics that are discussed. The session concludes with the "MRO Jeopardy" game show that invites audience member participation as a fun and unique method to review and update their MRO knowledge base. This session was organized by the Medical Review Officers Special Interest Section.

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

Session 306: The New Beryllium Standard: A Cooperative Effort of Industry and Labor..... CME/MOC: 1.5

TRACK: OEM Clinical Practice

Jonathan Borak*, MD, FACOEM, Yale University, New Haven, CT
Terence M. Civic, CIH, Materion Corporation, Mayfield Heights, OH
David C. Deubner*, MD, MPH, FACOEM, Materion, Inc, Elmore, OH
James Frederick, United Steelworkers (USW), Pittsburgh, PA
Michael J. Wright, CIH, United Steelworkers (USW), Pittsburgh, PA

It has been recognized for more than 15 years that the current OSHA PEL for beryllium is not adequately protective, but the OSHA regulatory process can be slow and the road to rulemaking often takes years. To facilitate development and adoption of more protective beryllium regulations, industry and labor have worked cooperatively to develop a comprehensive standard that would include lower exposure limits and medical surveillance. This cooperative approach provides a novel

model that may allow OSHA to be increasingly effective in updating its current regulations and in pursuing future regulations. This session will discuss the history of the current beryllium occupational exposure limit, review the evidence that the current limit is not adequate, detail the joint industry-labor proposal, and describe the practical cooperative process that allowed this regulatory breakthrough. This session is organized by the Council of Scientific Advisors.

Session 307: Psychological Fitness-for-Duty Referrals: Clarity, Efficiency, and Effectiveness..... CME/MOC: 1.5

TRACK: OEM Clinical Practice

Michael Coupland, CPsych, RPsych, CRC, IMCS, Williamsburg, VA
Michael J. Levine*, MD, MPH, FACOEM, Occupational Physician, Williamsburg, VA

This session, taught by a practicing occupational physician and a clinical and forensic psychologist, will describe the process of psychological fitness-for-duty evaluation in detail. Reasons for evaluation, selection of evaluators, and identification and communication with stakeholders in the evaluation will be reviewed. Methods of evaluation will be described. Concepts will be illustrated with a selection of case studies.

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

Session 308: Hexavalent Chromium: Hazard, Standard, Examination: What the Occupational Physician Needs to Know CME/MOC: 1.5

TRACK: OEM Clinical Practice

Michael J. Levine*, MD, MPH, FACOEM, Occupational Physician, Williamsburg, VA

This presentation reviews what the occupational provider needs to know to meet the preventive health needs of chromium exposed workers, and to competently perform medical surveillance examinations under the OSHA standards.



Tuesday, May 5, 2015

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

Session 309: Innovations in Management of Occupational Bloodborne Pathogens

Exposures CME/MOC: 1.5

TRACK: OEM Clinical Practice

Amy J. Behrman*, MD, FACP, FACOEM, University of Pennsylvania, Philadelphia, PA

Francesca K. Litow*, MD, MPH, FACOEM, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

Melanie Swift*, MD, FACOEM, Vanderbilt Health and Wellness, Nashville, TN

Exposure to patients' blood or body fluids is an ongoing hazard for health care and research personnel despite national efforts to reduce sharps injuries. Occupational medicine physicians must manage these highly-stressful events according to national guidelines, within the constraints of state and federal mandates, while attempting to minimize exposed workers' medical risk, lost productivity, and anxieties about bloodborne pathogen infection. Individual medical centers have created custom pathways to meet their employees' needs. Faculty will present innovative protocols, electronic tools, and other approaches to improve care, reporting and compliance after exposure. The session will invite audience collaboration to design and share additional novel solutions for improving exposure evaluation and management within current legal and operational constraints. If appropriate, the concepts will be submitted to the ACOEM Idea Marketplace™. This session was organized by the Medical Center Occupational Health Special Interest Section.

Session 310: Prescription Drugs and Safety for Transportation Workers: Evidence-based Risk Assessment, Legal and Policy Issues, and Guidelines for Physicians CME/MOC: 1.5

TRACK: OEM Related Law and Regulations; Work Fitness and Disability Management; OEM Related Management and Administration

James H. Diaz*, MD, DrPH, FACOEM, FACMT, Louisiana State University, School of Public Health and Medicine, Metairie, LA

Kurt T. Hegmann*, MD, MPH, FACP, FACOEM, University of Utah, Rocky Mountain Center for Occupational and Environmental Health, Salt Lake City, UT

John P. Holland*, MD, MPH, FACOEM, Union Pacific Railroad, Olympia, WA

Donald C. Sinclair II*, JD, Steptoe & Johnson PLLC, Wheeling, WV

Many prescription drugs can impair mental and/or physical function, creating significant safety risks at work for employees in transportation and other safety-critical jobs. The explosive growth in the use of opioids and psychiatric drugs in recent years make this an important public health and safety issue. This session summarizes the substantial recent epidemiological and experimental evidence about work safety risks from use of prescription drugs, including opioids and other pain drugs, sedatives, stimulants and other psychiatric medications. Newer methods to assess safety of drugs are discussed, such as on-road driving studies. Legal and regulatory issues, the impact of increased public awareness and media attention, and considerations for corporate safety policies will be discussed. Practical guidance will be provided for physicians making fitness-for-duty determinations for workers in safety critical positions who use potentially impairing prescriptions drugs. This session was organized by the Transportation Special Interest Section.

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

Session 311: Political Advocacy:

A Hands-on Approach..... CME/MOC: 3

TRACK: Regulatory, Legal, Military, and Governmental OEM

Phyllis A. Gerber*, MD, FACOEM, Biomotionlabs, Inc., Osprey, FL

Bill Gilmour, Biomotion Labs, Inc., Richmond, VA

Kathryn L. Mueller*, MD, MPH, FACOEM, University of Colorado Anschutz Medical Campus, Denver, CO

Patrick C. O'Connor*, Kent & O'Connor, Inc., Washington, DC

The current healthcare environment presents OEM physicians and providers with ample opportunities to promote the causes that they personally champion. hone your advocacy skills under the tutelage of seasoned advocacy professionals, a spokesperson for a national missing persons organization, a former corporate risk manager, a mayor and county manager, and a professional lobbyist, who will guide you through the steps from conceptualization of your issue, all the way to the steps of the highest courts. We will provide attendees with an issue relevant to the practice of OEM and our professionals will help you craft your position papers and letters to your local politicians, and will provide you with valuable insights that come from first-hand experience.

Session 312: Legislative, Regulatory, and Economic Issues Affecting the Health and Safety of Contingency, Immigrant, and Migrant Workers in the U.S. in 2015 CME/MOC: 3

TRACK: Regulatory, Legal, Military, and Governmental OEM

Kathleen Fagan*, MD, MPH, FACOEM, OSHA, Washington, DC

Bruce Goldstein, JD, Farmworker Justice, Washington, DC

Tee Guidotti*, MD, MPH, DABT, FACOEM, Medical Advisory Services, Rockville, MD

Patrick Marius Koga, MD, MPH, FRSPH, UC Davis School of Medicine, San Francisco, CA

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

Scott D. Morris*, MD, MPH, FACOEM, Valley Medical Center, University of Washington, Renton, WA

Daniel Rothenberg, Arizona State University, Tempe, AZ

This session will explore the legislative, regulatory, and economic issues affecting and/or determining the occupational health and safety of contingency, immigrant, and migrant workers in the U.S. in 2015. It includes updates on positive and negative legislation and their impact, an update on OSHA initiatives for underserved occupational populations, and the results of recent studies on occupational health and safety conducted by prominent researchers. Each presenter will outline the potential impacts of their material for the OEM physician and occupational health provider.

* = ACOEM Member

Tuesday, May 5, 2015

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

Session 313: Managing Infected and Colonized Health Care Workers CME/MOC: 1.5

TRACK: Management and Administration in OEM

Anthony Biascan*, MD, MS, US Naval Hospital, Sigonella, Sicily
Lawrence D. Budnick*, MD, MPH, FACOEM, Rutgers University New Jersey Medical School, Newark, NJ
Melanie Swift*, MD, FACOEM, Vanderbilt University Medical Center, Nashville, TN

This session will explore the management of health care workers with occupationally or non-occupationally acquired infectious diseases. Through case studies, including health care workers with bloodborne pathogen infections and a hospital-based MRSA outbreak, we will discuss evidence-based guidelines, ethical and legal aspects, and operational considerations for managing such situations. This session was organized by the Medical Center Occupational Health Special Interest Section.

Session 315: Defining Acceptable and Persistent Risk of Sudden Incapacitation Among Transportation Workers in Safety-Critical Positions CME/MOC: 1.5

TRACK: Regulatory, Legal, Military, and Governmental OEM

Kurt T. Hegmann*, MD, MPH, FACP, FACOEM, University of Utah, Rocky Mountain Center for Occupational and Environmental Health, Salt Lake City, UT
John P. Holland*, MD, MPH, FACOEM, Union Pacific Railroad, Olympia, WA
Donald C. Sinclair II*, JD, Steptoe & Johnson PLLC, Wheeling, WV

International regulatory agencies have adopted various definitions of acceptable absolute risk per annum for sudden incapacitation among transportation operators. The majority of such regulations have either adopted or inferred a 1% threshold especially for commercial pilots. Some have deemed greater risk thresholds may be acceptable for some standard aviation pilots and private passenger and commercial motor vehicle operators. This presentation will examine the acceptable absolute annual risk of sudden incapacitation associated with cardiovascular, neurological, and idiopathic etiologies for sudden incapacitation and the persistence of risk after an incident, based on a systematic review of the epidemiological literature. This session was organized by the Transportation Special Interest Section.



3:30 p.m. - 6:15 p.m.

Session 314: Impetus for New Lead (Pb) Levels: The Shots Heard Around the Country CME/MOC: 2.5

TRACK: Regulatory, Legal, Military, and Governmental OEM

Desmond I. Bannon, PhD, DABT, Army Institute of Public Health, Aberdeen Proving Ground, MD
Michael E. Creel*, MD, MPH, Medical Command, Occupational Health, Fort Bragg, NC
Michael Kosnett, MD, MPH, University of Colorado, Denver, CO
Paul A. Mirza*, DO, MPH, Army Institute of Public Health, Aberdeen Proving Ground, MD
R. Todd Niemeier, MS, CIH, CDC/NIOSH, Cincinnati, OH
Paul J. Papanek*, MD, MPH, FACOEM, Cal/OSHA, Rancho Palos Verdes, CA
Carol I. Tobias, MBA, BSN, COHN-S, RN, Army Institute of Public Health, Aberdeen Proving Ground, MD
Alice K. Weber, CIH, MHS, Army Institute of Public Health, Aberdeen Proving Ground, MD

This session will focus on how different entities determined more protective blood and air lead (Pb) standards than those set by OSHA and the experience of a multi-departmental working group at the Army Institute of Public Health and CalOSHA. Also, blood lead and air lead will be discussed with the diverse AIPH group will outline long and short term health effects of blood leads below the OSHA removal level as well as confounders. Specifics will be reviewed on blood lead and associated recommendations table which have become widely accepted. CalOSHA's efforts will be summarized.

5:15 p.m. - 6:15 p.m.

Session 316: Connecting On-site Health with the External Health Care Machine CME/MOC: 1

TRACK: Management and Administration in OEM

Melissa A. Bean*, DO, MPH, MBA, FACOEM, Coventry Workers' Compensation Services, St. Louis, MO
Steven J. Serra*, MD, MPH, FACOEM, Aetna, Castle Rock, CO
Jay J. Shen, PhD, University of Nevada, Las Vegas, NV
Peter Vasquez*, MD, Premise Health, Brentwood, TN
E. Lee Washington, MD, MPH, Aetna, Chicago, IL

Today's status quo reveals that employers are utilizing numerous on-site resources to support health promotion, productivity, and performance and control medical cost trend. On-site clinics staffed by clinicians powered by EMRs, wellness programs, and ambassadors and health coaches are just a few examples of approaches that corporate decision-makers are using to supplement the health care management activities traditionally performed by their health, disability, and workers' compensation carriers. Benefit plan and incentive design, biometrics testing, medical homes and ACOs, and HRAs are now the media through which employers seek to shape the health of their workforce. Frequently, there is insufficient or no process collaboration, and minimal to no data integration, of onsite programs with payor care management activities. This session will arm the OEM physician with an approach on how to inculcate corporate leadership on values of merging both data and work-processes from their internal and external efforts.

Tuesday, May 5, 2015

5:15 p.m. - 6:15 p.m.

Session 317: Early Intervention in the Rehabilitation of the Worker with Disabling Pain..... CME/MOC: 1

TRACK: OEM Clinical Practice

Russell Gelfman*, MD, MS, Mayo Clinic, Rochester, MN
James E. Hughes, PT, Mayo Clinic, Rochester, MN

Medical providers are often involved in the care of workers with painful injuries or illnesses. Many of these workers recover with routine care and return to work without difficulty. However, a small number experience prolonged pain and disability, often to the frustration of the employer, the physician and the therapist. This course will discuss the approach utilized in a specialized work rehabilitation center, including specific examples and benefits of early team intervention, to effectively reduce work disability due to pain.

Session 318: Federal Workers' Compensation Cost Containment and Management Strategies CME/MOC: 1

TRACK: Regulatory, Legal, Military, and Governmental OEM

Sheryl A. Bedno*, MD, MPH, Womack Army Medical Center, Fort Bragg, NC
Michael J. Hodgson*, MD, MPH, OSHA/DOL, Washington, DC
Jennifer Lipkowitz-Easton*, MD, MPH, Veterans Health Administration, Office of Public Health, Occupational Health Group, Washington, DC
Timothy M. Mallon*, MD, MPH, FACOEM, Uniformed Services University, Bethesda, MD
Cameron J. L. Nelson*, MD, MPH, US Naval Hospital, Yokuska, Japan

This session will present a descriptive analysis of current trends in Department of Defense and VA workers' compensation (WC) injury prevention and cost containment efforts. The results of an evaluation of leadership strategies aimed at improving understanding of, reporting about and preventing workplace injuries and reducing costs will be presented. The session will also include a discussion on the VA Workers' Compensation Employee Choice/Quality model and a review of VA WC program metrics and management indicators highlighted by a recent GAO audit of the VA's WC program. This session was organized by the Federal and Military Occupational and Environmental Medicine Special Interest Section.

Session 319: ACOEM's Maintenance of Certification Part IV Program CME/MOC: 1

TRACK: Other

Clare Bonnema, American Board of Preventive Medicine, Chicago, IL
William W. Greaves*, MD, MSPH, FACPM, FACOEM, American Board of Preventive Medicine, Chicago, IL
Denece Kesler*, MD, MPH, FACOEM, University of New Mexico, Albuquerque, MN

As one of the four parts required for recertification under Maintenance of Certification, ABPM diplomates are required to complete a practice performance assessment – also known as Part IV. This component utilizes a quality improvement model with opportunities for assessment of practice performance and improvement activities available in clinical practice, teaching, research, and administration. This session will cover ACOEM's Part IV program.

* = ACOEM Member

Wednesday, May 6, 2015

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

Session 401: Evaluation of a National Public Access Automated External Defibrillator Program in U.S. Federal Buildings CME/MOC: 1

TRACK: Management and Administration in OEM

Bradley Christ, Federal Occupational Health, Bethesda, MD
Marc Leffer*, MD, MPH, FACOEM, FFAFP, Federal Occupational Health, Bethesda, MD
Gene Migliaccio, MD, Federal Occupational Health, Bethesda, MD

Federal Occupational Health (FOH) administers a national public access automated external defibrillator (AED) program in U.S. federal buildings, overseeing more than 4,000 AEDs in over 1,000 locations. Program management includes physician oversight of AEDs, training of employees in cardiopulmonary resuscitation (CPR) and AED use, equipment purchase and maintenance, and site-specific consultations for AED protocol development. In this retrospective study of more than 3,250 AEDs installed in U.S. federal buildings under the supervision of FOH between 1999 and 2012, there were 132 reported events in which AEDs were brought to a medical emergency. For those patients who were witnessed to collapse and presented with a shockable rhythm, survival-to-hospital discharge was 39%. This study is the first to specifically examine AED usage in occupational settings in the U.S. These findings demonstrate the value of public access defibrillation in the workplace as well as evidence of the importance of the underlying management systems.

Session 402: Deployment Exposures and Respiratory Health Outcomes CME/MOC: 1

TRACK: Regulatory, Legal, Military, and Governmental OEM

Joseph H. Abraham, ScD, US Army Public Health Command (USAPHC), Aberdeen Proving Ground, MD
Coleen P. Baird*, MD, MPH, FACOEM, US Army Public Health Command (USAPHC), Aberdeen Proving Ground, MD
Leslie Clark, MD, MPH, US Army Public Health Command (USAPHC), Aberdeen Proving Ground, MD
Timothy M. Mallon*, MD, MPH, FACOEM, Uniformed Services University, Bethesda, MD

This session will provide an overview of the environmental exposures present in Iraq and Afghanistan and efforts made to identify health risks associated with those exposures. In addition, the session will provide an overview of the work of a Department of Defense workgroup examining respiratory outcomes in a group of service members who deployed to Iraq and Afghanistan. This session was organized by the Federal and Military Occupational and Environmental Medicine Special Interest Section.

Wednesday, May 6, 2015

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

Session 403: The Business Value of Pre-travel Consultations for International Business Travelers..... CME/MOC: 1
TRACK: OEM Clinical Practice

Stephanie Estala, DNP, RN, FNP-BC, Chevron, Houston, TX
Stephen Frangos*, MD, MPH, FACOEM, Chevron, Houston, TX

The pre-travel health consultation is a detailed approach to preparing business travelers for safe international business travel. The components of the consultation will be reviewed, the business drivers for the consultation will be discussed, the impact of personal health on pre-travel preparation and overall safety of travel will be reviewed, and the safeguards that are available for mitigating risk will be described. In addition, during business pre-travel consultations (BPTC), medical issues may be identified that pose significant health risk to business travelers (BT). The Houston Clinic will evaluate health data from a cohort of employee BT who were required to have an Angola Certificate of Health (COH). These employees undergo a focused/brief physical evaluation to fulfill a country visa requirement for Angola that is applied to business travelers across the OpCos based on the length of their time in country. The COH exams will be reviewed for significant medical issues that were identified, both newly diagnosed and pre-existing that are found to be uncontrolled during the consultation, actions taken to address the uncontrolled medical conditions such as additional employee medical follow up or deferred or canceled business travel and for the compliance with the recommended actions by the employee. The data will be analyzed for BTs that identify one or more international destinations. The implications for international travel health and safety risk and potential impact to the business will be presented to the audience as a general overview and will summarize the statistics around some of the health issues we identify and our risk mitigation follow up. The result of this health data analysis will provide business operations critical insight into the health state of BT and serve as a guidepost for promoting healthy behaviors, stressing the importance of stabilizing chronic disease prior to traveling internationally and obtaining the BPTC.

Session 404: Managing Career-limiting Illness and Injury in Physicians: Keeping the Docs on the Job..... CME/MOC: 1
TRACK: OEM Clinical Practice

William G. Buchta*, MD, MS, MPH, FACOEM, Mayo Clinic, Rochester, MN
Phil Hagen, MD, FACPM, Mayo Clinic, Rochester, MN
Robin G. Molella*, MD, MPH, Mayo Clinic, Rochester, MN
Richard D. Newcomb*, MD, MPH, FACOEM, Mayo Clinic, Rochester, MN

Demands on the sustainability of our physician workforce are growing due the physical and cognitive challenges posed by new practices, expectations for ever safer more accessible and less costly care, and the aging of the healthcare workforce. Prevention of career-limiting illness and injury in physicians is increasingly critical but little studied. The complexity and safety aspects of medical practice pose unique return-to-work decision-making challenges. A case-based discussion synthesizing research that characterizes the nature of threats physicians' face, with return-to-work tools such as practice simulation, ergonomic interventions, calendar management, safety and systems interventions and supervisory support will be presented.

7:00 a.m. - 12:45 p.m.

Session 405: Work-Related Neck Pain: A Physical Therapists' Perspective with a Hands-on Laboratory Component..... CME/MOC: 3
TRACK: OEM Clinical Practice

David A. Hoyle, DPT, MA, OCS, MTC, CEAS, Select Medical WorkStrategies, Storrs, CT
Katie McBee, PT, DPT, OCS, MS, CEAS, Select Medical, Louisville, KY

This program presents the etiology of complaints involving neck pain. Current evidence about occupational and personal risk factors for the development of neck pain will be presented. Evaluation and treatment of the non-surgical injury by physical therapists will be presented. Half of the session will be devoted to small-group laboratory sessions for demonstration and practice of cervical evaluation skills. Information as to the sensitivity and specificity of testing compared to gold standards will be presented. Exercises and manual techniques commonly used in physical therapy and the evidence to support those procedures will be reviewed within small groups. (This session will break from 8:15 a.m. - 10:15 a.m. so that all may attend the annual membership meeting and breakfast).

8:15 a.m. - 10:15 a.m.



ACOEM ANNUAL MEMBERSHIP MEETING AND BREAKFAST

William B. Patterson Memorial Lecture

Session 400: ACOEM Annual Membership Meeting and Breakfast.....CME/MOC: 1.0
TRACK(S): Other

Join your colleagues in honoring this year's class of Fellows and the introduction of new ACOEM officers and directors, including ACOEM's new president. In addition, **David Michaels, PhD, MPH**, Assistant Secretary of Labor, Occupational Safety and Health Administration, will present this year's William B. Patterson Memorial Lecture.

Wednesday, May 6, 2015

10:30 a.m. - 11:30 a.m.

Session 406:

Does AED Program Medical Control Positively Impact Cardiac Arrest Survival? CME/MOC: 1

TRACK: Management and Administration in OEM

Odelia Braun*, MD, JD, Emergency University, Redwood City, CA
Thomas T. Holloway, PhD, US Federal Aviation Administration,
Washington, DC
Frank Poliafico, RN, Emergency University, Redwood City, CA

ACOEM was the first organization to develop automated external defibrillator (AED) program guidelines, including the clear need for medical direction over the Internet. Rarely, does the prescribing physician interact with program leaders. Have AED programs suffered from the lack of physician involvement? We have spent more than \$30B purchasing AEDs, training and program management without increasing cardiac arrest survival rates. Absent medical leadership, AED programs don't focus on improving clinical outcomes. Selecting the brand, number/location of AEDs, and training has been the goal, but has not resulted in survival. Is there evidence that programs with active physician involvement achieve better outcomes for SCA victims? What can physicians do to rectify the poor performance of AED programs? Authors will discuss the medical director's role in AED programs that have achieved top SCA survival rates, including the Federal Aviation Administration's.

Session 407: Deployment Exposures, Biomarkers and Health Outcomes, and Current Research..... CME/MOC: 1

TRACK: Regulatory, Legal, Military, and Governmental OEM

Kevin Haines, PE, Armed Forces Health Surveillance Center, Silver Spring, MD
Dean P. Jones, PhD, Emory University, Atlanta, GA
Timothy M. Mallon*, MD, MPH, FACOEM, Uniformed Services University, Bethesda, MD
Patricia Rohrbeck, DrPH, MPH, CPH, Armed Forces Health Surveillance Center, Silver Spring, MD
Mark J. Utell, MD, University of Rochester Medical Center, Rochester, NY

This session will focus on current Department of Defense (DoD) research on burn pit exposed service members, metabolomics and inflammatory serum biomarkers and health outcomes. A study group of 200 exposed service members who worked at burn pits in Iraq and Afghanistan were identified along with 200 non-deployed service members who served as controls. Breathing zone and area sampling data were collected on the 200 exposed service members who deployed between 2007 and 2011. Pre- and post-deployment serum samples were obtained and analyzed for metabolomic and inflammatory biomarkers along with PAH and dioxin levels. These results were compared to serum sample results for 200 service members who did not deploy to Iraq or Afghanistan. These exposure and biomarkers data were then linked to demographic and health outcomes data including respiratory and cancer outcomes to examine the risk of adverse health outcomes related to burn-pit exposures while deployed. This session was organized by the Federal and Military Occupational and Environmental Medicine Special Interest Section.

* = ACOEM Member

10:30 a.m. - 11:30 a.m.

Session 408:

MMI: When and How to "Call It a Day" CME/MOC: 1

TRACK: OEM Clinical Practice

James W. Butler*, MD, MPH, FACOEM, FAsMA, CEDIR, Orthopaedic Associates, Evansville, IN

Maximum Medical Improvement (MMI) is a critical stage in workers' compensation cases and a goal of most stakeholders. It is often not easily achieved since so many do not understand it. An approach to determining using the many treatment guidelines presently available and mandated by different jurisdictions will be presented.

10:30 a.m. - 12:45 p.m.

Session 409: Occupational Infections and Travel Medicine..... CME/MOC: 2

TRACK: OEM Clinical Practice

Francesca K. Litow*, MD, MPH, FACOEM, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
Michael Sauri*, MD, MPH&TM, FACP, FACPM, FACOEM, FRSTM&H, CTropMed, Occupational Health Consultants, Rockville, MD

This session will review increasingly important areas of occupational medicine practice involving the prevention and control of infections in the workplace: occupational infections (including blood-borne pathogens) and travel medicine.

11:45 a.m. - 12:45 p.m.

Session 410: Cardiovascular Diseases and Implantable Cardiac Devices: Workplace Risk Management..... CME/MOC: 1

TRACK: OEM Clinical Practice

Guillaume Girard, PhD.Eng, Medtronic, Inc., Moundsview, MN
Timothy L. Newman*, MD, FirstEnergy Corp, Akron, OH

Cardiovascular diseases are increasingly prevalent in the workforce as are the use of cardiac pacers and defibrillators for treatment. Exposure to electromagnetic fields (EMF) in the workplace potentially interferes with many implantable devices and poses a risk to individual health and safety. National standards for the assessment of electromagnetic interference with medical devices are still in development. This discussion will provide an overview of cardiac diseases and implantable devices and an update to emerging standards to address workplace health and safety risks. A protocol for risk management assessment, developed for the electric utility industry, will be provided for reference.

Wednesday, May 6, 2015

11:45 a.m. - 12:45 p.m.

Session 411: VA Burn Pit Registry: Respiratory Diseases and Exposures Among Deployed Veterans CME/MOC: 1

TRACK: Regulatory, Legal, Military, and Governmental OEM

Shannon K. Barth, MPH, Veterans Health Administration, Office of Public Health, Washington, DC
Paul Ciminera*, MD, MPH, Veterans Health Administration, Washington, DC
Eric Garshick, MD, MOH, VA Boston Healthcare System, Roxbury, MA
Sybil W. Morley, MPH, Office of Public Health, Veterans Health Administration, Canandaigua, NY
Susan P. Proctor, DSc, US Army Research Institute of Environmental Medicine, Natick, MA

Veterans deployed to Southwest Asia were exposed to high levels of respirable particulate matter. This presentation provides an update on the Veterans Administration (VA)/Department of Defense response to exposure health concerns and new VA Burn Pit Registry. The prevalence of respiratory outcomes among Veterans will be examined. The correlations between respiratory diseases and various environmental exposures will be explored. The changes to respiratory health questionnaire will be outlined regarding exposure, disease, and smoking. The last part of the session will provide an update on research from the VA Cooperative Studies on Respiratory Health and Deployment to Iraq and Afghanistan. The association between exposures and measures of respiratory health among veterans who served after 2001 will be examined. Higher particulate levels are likely associated with poorer pulmonary function. This session was organized by the Federal and Military Occupational and Environmental Medicine Special Interest Section.

Session 412: Preventing Delayed Recovery in Injured Workers CME/MOC: 1

TRACK: OEM Clinical Practice

Marcos A. Iglesias*, MD, MMM, FAFAP, FACOEM, The Hartford, Valley Park, MO

Bob and Joe are the same age, they work together doing the same job and suffered the same injury. Bob returned to work after a short course of treatment. Joe is still off work two years later. Many workers have simple musculoskeletal injuries. Some recover quickly without problems, yet others suffer from significant delays in their recovery. Why? What are the factors that predispose an injured worker to go down the path of delayed recovery? How can physicians quickly identify those at highest risk? And, most importantly, what measures can we take to help the injured worker recover their life speedily? This session will focus on practical tools and techniques to help minimize injured worker disability and delayed recovery.

2:00 p.m. - 3:30 p.m.

Session 413: Say What? Cutting-Edge Advances in Hearing Protection and Noise..... CME/MOC: 1.5

TRACK:

Patrick R. Laraby*, MD, MPH, MS, MBA, FACOEM, US Navy, Falls Church, VA
Kurt Yankaskas, MD, Office of Naval Research, Arlington, VA

Hearing conservation continues to be a difficult issue for Occupational Health. Just within DoD, this cost the Veteran's Administration over \$2 Billion annually. The DoD has placed a lot of resources and energy

into cutting edge hearing conservation. The presenter is a world expert in noise control and hearing conservation and will present issues and interventions in hearing conservation that is of value to the all occupational medicine providers inside and outside of the DoD.

2:00 p.m. - 5:15 p.m.

Session 414: Get Ready for Blurry Boundaries: Transitional Work and the ADA's Interactive Process CME/MOC: 3

TRACK: Management and Administration in OEM

Catherine J. Baranek, BS, MBA, Department of Veterans Affairs, Washington, DC
Jennifer H. Christian*, MD, MPH, FACOEM, Webility Corporation, Wayland, MA
Aaron Konopasky, JD, PhD, Equal Employment Opportunity Commission, Washington, DC
Ann Kuhn*, MD, MPH, FACOEM, The Hartford, Hartford, CT
Stephen Lebau, JD, Lebau & Neuworth, LLC, Towson, MD
Beth Loy, PhD, Job Accommodation Network (JAN), Morgantown, WV
Eric Paltell, Esq., Kollman & Saucier, P.A., Baltimore, MD

The terms "temporary transitional work" and "interactive process" are not heard together – but they will be soon. Come to this session so you can prepare to make changes in your practice that will help your employer clients comply with changing expectations, and help your patients keep their jobs. Until now, companies that have pro-active absence management and workers' comp programs have not traditionally included the affected employee while supervisors are deciding whether they can find work within temporary work restrictions and limitations that were set by the treating physician. EEOC says this needs to change. Recent guidance has shortened the interval before the ADA's protections apply down to days (not weeks or months). This is in addition to broadening the definition a qualified person with a disability. California's equivalent law (FEMA) explicitly has had no waiting period at all. In this session, a panel of experts will describe the rationale for blurring boundaries between a person with a short-term medical problem and "a qualified person with a disability." Staff from EEOC and the Job Accommodation Network also want to hear from us about what would help us provide better support to your patients and their employers.

Session 415: Respectful Feedback and Organizational Effectiveness..... CME/MOC: 3

TRACK: Management and Administration in OEM

David Frances*, PhD, Quadrant Health Strategies, Inc, Beverly, MA

Feedback is key to successful leadership, management, and interpersonal relationships, and how it is delivered typically determines whether it will be heard or not. Effective feedback is generally *respectful* feedback, the mechanics of which are generally ignored during the lengthy education of OEM professionals. This session is designed to fill in this communication skills gap, and to do so in an engaging format that has been employed in many organizational settings. This workshop will provide an opportunity to learn the four essential components of respectful feedback, suitable for use in every workplace context including: executive teams, cross-functional collaborations, performance discussions, and day-to-day operations. This session will demonstrate what "respectful feedback" looks like in a variety of OEM organizational, leadership and management situations; guide participants to deliver respectful feedback using descriptive language, impact statements, and I-statements; describe why *active listening* is an essential ingredient in effective relationships; provide an opportunity to initiate skill development; and provide follow-up materials for carry-over to participants' real-life environments.

GENERAL CONFERENCE INFORMATION

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 2015

The 2015 American Occupational Health Conference (AOHC) is ACOEM's 100th Annual Meeting.

Be sure to join your colleagues in recognizing the beginning of ACOEM's centennial year (which will culminate at the 2016 AOHC in Chicago) by attending the optional social event at the Baltimore Museum of Industry on Monday evening, May 4. This one-of-a-kind museum simply cannot be missed as it speaks to the core of OEM—the worker's environment. ACOEM is partially subsidizing the cost to make it a must-attend event.

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 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 available at www.acoem.org

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 2015, 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 29.0 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity."

AAFP – This live activity, American Occupational Health Conference (AOHC), with a beginning date of May 3, 2015, has been reviewed and is accepted for up to 29.00 Prescribed Credit(s) by the American Academy of Family Physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ABOHN – The American Board of Occupational Health Nurses may recognize *AMA PRA Category 1 Credit(s)*[™] as applicable for the education requirements for certification by the ABOHN.

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 29.0 and the course code is 1140.

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

Physician Assistants – AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit*[™] from organizations accredited by ACCME or a recognized state medical society. Physician assistants may receive a maximum of 29.0 hours of Category I credit for completing this program.

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

2015 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 2015 AOHC Distance Learning Activity. This activity will be available in summer 2015 and will require purchase and use of the AOHC 2015 conference recordings. Additional fees may apply for credit requested.

Disclaimer

The ideas represented in presentations at AOHC 2015 do not necessarily reflect ACOEM positions. ACOEM disclaims responsibility or liability for all products, services, or information presented at AOHC 2015. ACOEM does not endorse any product or service exhibited, nor necessarily support the content contained in the educational offerings.

Disclosure Policy

As a provider accredited by the ACCME, ACOEM must ensure balance, independence, objectivity, and scientific rigor in all of its educational activities. In accordance with the Accreditation Council for Continuing Medical Education's Standards for Commercial Support, all CME providers are required to disclose to the activity audience the **relevant financial relationships** of the planners, teachers, and authors involved in the development of CME content. An individual has a relevant financial relationship if he or she has a financial relationship in any amount occurring in the last 12 months with a commercial interest whose products or services are discussed in the CME activity content over which the individual has control. In the case of an individual for whom a conflict cannot be resolved, that individual shall not participate in the development or presentation of the CME activity.

Handouts

In an effort to be environmentally conscious and better manage our resources, ACOEM is reducing the use of paper. **All handouts submitted by speakers as of March 27, 2015, will be available to conference attendees via a secured area of ACOEM's web site two weeks before and two weeks after the meeting.** Registrants will be able to access the site, allowing them to view and print all or any of the submitted handouts.

We will provide each attendee with a complimentary electronic copy of the handouts (those that were submitted by March 27, 2015) with registration materials on-site.

SESSION INFORMATION

AOHC Poster Presentations and Display

Posters will be on display for viewing beginning Sunday, May 3 in the foyer outside the ACOEM Exhibit Hall. Poster authors will be available to discuss their research with attendees on May 3 from 5:30pm–7:30pm.

ACOEM Annual Membership Meeting and Breakfast

ACOEM's Annual Membership Meeting and Breakfast will take place on Wednesday, May 6 from 8:15am-10:15am. Highlights will include the ACOEM Fellow elevation ceremony, introduction of new ACOEM officers and directors, installation of ACOEM's new president.

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. All ACOEM members may attend the membership meeting regardless of their AOHC registration status (meal ticket available for purchase for those members not registered for the conference).

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 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. Professor Ewan B. MacDonald with the University of Glasgow will present this year's lecture. It will be held during the AOHC Opening Session on Sunday, May 3, from 1:30 pm-3:00 pm. The AOHC Opening Session will also feature remarks by RADM Boris D. Lushniak, Acting United States Surgeon General (invited).

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 6 from 8:15am-10:15am. This year's lecture will be presented by David Michaels, Assistant Secretary for Labor, Occupational Safety and Health Administration.

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
- 801: Occupational Health at the Baltimore Zoo
- Tuesday
- 802: GM Powertrain

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. Purchase the online library of conference recordings NOW with your registration and save! For only \$129 you will have **online access** to all recorded sessions! Special advance price is for **online library** access; other versions such as MP3, CD, or DVD will be available for purchase onsite and following the conference. 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.

EXHIBIT HALL

ACOEM wishes to thank the AOHC 2015 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, May 3, 2015

5:30 pm–7:30 pm
Exhibit Hall Opening and Reception and Abstract Poster Presentations

Monday, May 4, 2015

8:00 am–5:15 pm
Continental Breakfast Sponsored by Medlock Consulting
Complimentary Lunch in the Exhibit Hall (12 Noon)

Tuesday, May 5, 2015

8:00 am–10:45 am

AOHC Exhibitors (as of December 1, 2014):

- American Board of Preventive Medicine
- Benson Medical Instruments Co.
- Corporate Health Resources
- Drug & Alcohol Testing Industry Association
- Electronic Waveform Lab, Inc.
- Johns Hopkins Carey Business School
- Kaiser Permanente
- Medgate Inc.
- Medlock Consulting (*Monday Breakfast Sponsor*)
- Net Health
- OEM Health Information, Inc.
- Oxford University Press
- Psychomedics Corporation
- Range Master/Therapeutic Dimensions
- Select Medical
- Smart Practice
- Wolters Kluwer
- Work Loss Data Institute – ODG
- Zoll Medical Corporation

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 may contact Lisa Mikita, AOHC Exhibits Manager, at 847-818-1800, ext. 390.

TRAVEL/HOUSING/ LOCAL INFORMATION

The Baltimore area is served by most domestic carriers and international carriers at the Baltimore-Washington International Airport (BWI) Information including ground transportation, maps and flight schedules is available at <http://www.bwiairport.com/en>

CONFERENCE LOCATION/ MEETING HOTEL

Hilton Baltimore
401 W. Pratt Street
Baltimore, MD 21201

Reservation Booking Website
<https://resweb.passkey.com/go/AOHCATTENDEE>

Or, if you prefer, you may call 1-800-HILTONS and mention group code 'AOH'.

AOHC has secured the discounted rate of \$215 plus tax for single/double occupancy. The room block will be available through April 3, 2015 or when the block is full, whichever comes first.

About the Hotel
Built as a tribute to Baltimore's heritage, the Hilton Baltimore features bricks from Camden Yards and artwork from more than 40 local artists.

The hotel is a short walk from many of Baltimore's leading tourist attractions, including Baltimore's famous Inner Harbor, Oriole Park at Camden Yards, M&T Football Stadium-home of the Baltimore Ravens, the University of Maryland and Johns Hopkins University. Have fun with the kids at the National Aquarium and the Maryland Zoo. The hotel is ideally placed to explore Baltimore's famous neighborhoods such as Mt. Vernon, Federal Hill and Fells Point for local shopping, great dining and theater.

ATTIRE

Recommended conference attire is business or business casual. Hotel and meeting room temperatures will vary, so layers are recommended for personal comfort.

AIRLINE DISCOUNTS

The following discounts have been arranged for travel to AOHC 2015 in Baltimore.

- SOUTHWEST AIRLINES – A PREFERRED CARRIER FOR AOHC 2015**
- Discount: 8% Anytime and Business Select; 2% off select Wanna Get Away fares to Baltimore-Washington International Airport (BWI), Reagan National Airport (DCA), or Washington Dulles International Airport (IAD).
 - Travel dates: April 29 – May 9, 2015
 - Book between December 15, 2014 and April 15, 2015 (discounts not applicable for bookings made within two weeks of travel date or via phone). Go to <http://www.swabiz.com/> and enter Corporate ID 99299491.

Additional benefits with Rapid Rewards # added to reservation! To enroll in the Rapid Rewards program, visit www.southwest.com/corporaterapidrewards.

- AMERICAN AIRLINES – A PREFERRED CARRIER FOR AOHC 2015**
- Discount: 5% off of lowest applicable published fare for travel to Baltimore-Washington International Airport (BWI), Reagan National Airport (DCA), or Washington Dulles International Airport (IAD).
 - Travel Dates: April 28 – May 10, 2015
 - Book any time online at www.aa.com or at 800-433-1790 (additional ticketing fees apply for reservations made by phone). Promotional Code: 4445BQ

OPTIONAL EVENTS AND ACTIVITIES

Optional Event:
Baltimore Museum of Industry – Centennial Kick-off!

Monday, May 4, 2015
6:30pm – 9:30PM
\$50.00

100 years! Join your colleagues in recognizing the beginning of ACOEM's centennial celebration (which will culminate at the 2016 AOHC in Chicago) by attending the optional social event at the Baltimore Museum of Industry on Monday evening, May 4.

This one-of-a-kind museum simply cannot be missed as it speaks to the core of occupational medicine—workers and their work environment—and demonstrates the “where we’ve been” aspect of ACOEM's centennial observance of **1916 to 2016**.

The Baltimore Museum of Industry (BMI) is a unique and special place. Unlike many museums, BMI's exhibits do not document the lifestyle of the elite. Instead, BMI depicts people who are often overlooked: the workers, small business owners and others who built our collective history.

The BMI's collections are evocative documentation of Baltimore's industrial underpinnings. Vignettes explain how Baltimore's residents—no matter their station in life, race, ethnicity or occupation—contributed. Through fascinating artifacts showcasing work environments of the past, this eclectic curation allows you to explore the industrial and technological heritage of the region's industries and the people who created and worked in them.

Bus transportation will be provided continuously between the Hilton Baltimore (site of AOHC) and the museum. Advance registration is required. Ticket price includes full museum access including three special-exhibit galleries—the Cannery, the Garment Loft and the Print Shop—plus two drinks and a lovely buffet meal themed to reflect Baltimore's neighborhoods. **In recognition of this evening as the beginning of our centennial celebration, ACOEM is subsidizing part of the cost to ensure that it becomes a must-attend event.**

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 INFORMATION

Registration is required for all persons attending the Conference, work-site visits, 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, May 4, 12noon, to allow meal arrangements to be made.

ACOEM Member	\$795
Non-member	\$995
Retired/Resident/Student Member	\$375

REGISTRATION INFORMATION (CONTINUED)

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.

ACOEM Member	\$295
Non-member	\$395
Retired/Resident/Student Member	\$175

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.

ACOEM Member	\$505
Non-member	\$605
Retired/Resident/Student Member	\$275

Activity Fees

Please see the registration form for activity fees.

Pre and Post-conference Courses

The pre-conference offerings run Thursday-Saturday, April 30-May 2, 2015. Post conference course(s) will be offered on Thursday, May 7. Enrollment is limited. Course registration is separate from conference registration. Lunches are not included.

Thursday-Saturday, April 30-May 2

Foundations in Occupational Medicine – Option A

April 30, May 1 & May 2, *plus online content*

ACOEM Member:	\$1,245
Non-Member:	\$1,445
Retired, Resident, Student:	\$645

Foundations in Occupational Medicine – Option B

May 1 & 2

ACOEM Member:	\$675
Non-Member:	\$815
Retired, Resident, Student:	\$345

Foundations in Occupational Medicine – Option C

April 30, *plus online content*

ACOEM Member:	\$675
Non-Member:	\$815
Retired, Resident, Student:	\$345

Please see the course description for additional information regarding the Foundations in Occupational Medicine attendance options.

Friday-Saturday, May 1-2

MRO Comprehensive Course

Occupational Medicine Board Review Course

Advanced Skills for the Independent Medical Examiner

ACOEM Member:	\$675
Non-Member:	\$815
Retired, Resident, Student:	\$345

Saturday, May 2

Spirometry Testing in Occupational Health – Physician Update Course

ACOEM Member:	\$345
Non-Member:	\$415
Retired, Resident, Student:	\$185

Thursday, May 7

Work Disability Prevention for Clinicians – Mastering Your Role in SAW/RTW Process CAOHC Professional Supervisor of the Audiometric Monitoring Program Workshop

ACOEM Member:	\$345
Non-Member:	\$415
Retired, Resident, Student:	\$185

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 on line 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 7, 2015. 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 refund will be issued for cancellation requests received after April 7, 2015.

Requests to change from one event to another must be received in writing no later than April 7, 2015. Notification by phone will not be accepted. Accommodations to these requests will be made on a space-available basis. After April 8, 2015, 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 7, 2015. 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 7, 2015.

Pre-registration Deadline

The deadline for pre-registration is April 3, 2015. Fees listed are for advance registration. Registrations after this date and on-site registrations will be assessed an additional \$100. Use the registration form in this program or register on line at www.acoem.org.

On-site Registration Information/Name Badges

The AOHC Registration Desk will be located at the Hilton Baltimore. 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.

Anticipated registration hours are:

Pre-Conference Course Registration

Friday, May 1.....	7:00 am – 6:00 pm
Saturday, May 2	7:00 am – 12:00 pm

Conference Registration

Saturday, May 2	12:00 pm – 6:00 pm
Sunday, May 3	7:00 am – 7:00 pm
Monday, May 4.....	6:30 am – 6:30 pm
Tuesday, May 5.....	6:30 am – 6:30 pm
Wednesday, May 6.....	6:30 am – 1:00 pm

Post-Conference Course Registration

Thursday, May 7	7:00 am – 5:00 pm
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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	\$45
Baltimore Museum of Industry.....	\$50

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

Please be sure to indicate your emergency contact information with your registration. There will also be a bulletin board for posting personal messages in the AOHC Registration area.

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 costs which helps offset your registration fee and allows ACOEM to provide a better conference experience for you.

The main benefit for exhibitor participation 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 2015.

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.

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. 393

Exhibit Management

Lisa J. Mikita, CMP, CAE, Exhibit Manager
E-mail: lmikita@acoem.org
Telephone: 847-818-1800 ext. 390
Fax (Exhibits): 847-818-9286
Web site: www.acoem.org/AOHC_2015Exhibits.aspx



2015 AOHC REGISTRATION FORM

Register Online
www.acoem.org

Name (First M.I. Last)

Degree

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, May 3 – Wednesday, May 6, 2015

Registration Status

☐ ACOEM Member ☐ Non-Member

☐ Retired, Resident, or Student Member ☐ ACOEM Past President

ACOEM
Member

Non-
Member

Retired/
Resident/
Student
Member

Amount

Full Conference Registration
May 3-6, 2015

*Includes: Concurrent Sessions, General Sessions,
Membership Breakfast/Meeting and access to Exhibit Hall*

\$795

\$995

\$375

\$

One-Day Registration Options

Choose Day: ☐ Sun, May 3 ☐ Tues, May 5
☐ Mon, May 4 ☐ Wed, May 6

\$295/day

\$395/day

\$175/day

\$

Two-Day Registration Options

Choose Two Consecutive Days:
☐ Sun, May 3 ☐ Tues, May 5
☐ Mon, May 4 ☐ Wed, May 6

\$505/
2-days

\$605/
2-days

\$275/
2-days

\$

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

Sun., May 3

7:00AM-8:00AM

☐ 099

9:00AM-12:15PM

☐ 102 ☐ 103

1:30PM-3:00PM

☐ 100 AOHC Opening Session: Sappington Lecture

3:15PM-4:15PM

☐ 104 ☐ 105 ☐ 106 ☐ 107

3:15PM-5:30PM

☐ 108 ☐ 109

4:30PM-5:30PM

☐ 110 ☐ 111 ☐ 112 ☐ 113

7:30PM-8:30PM

☐ 114 ☐ 115 ☐ 116 ☐ 117

Mon., May 4

7:00AM-8:00AM

☐ 201 ☐ 202 ☐ 203 ☐ 204 ☐ 205

8:30AM-10:00AM

☐ 206 ☐ 207

8:30AM-12:00PM

☐ 208 ☐ 209 ☐ 210

10:30AM-12:00PM

☐ 211 ☐ 212

1:30PM-3:00PM

☐ 213 ☐ 214 ☐ 215

1:30PM-5:00PM

☐ 216 ☐ 217

3:30PM-5:00PM

☐ 218 ☐ 219 ☐ 220

5:15PM-6:15PM

☐ 221 ☐ 222 ☐ 223 ☐ 224 ☐ 225

Tues., May 5

8:30AM-10:00AM

☐ 301 ☐ 302

8:30AM-12:00PM

☐ 303 ☐ 304 ☐ 305

10:30AM-12:00PM

☐ 306 ☐ 307

1:30PM-3:00PM

☐ 308 ☐ 309 ☐ 310

1:30PM-5:00PM

☐ 311 ☐ 312

3:30PM-5:00PM

☐ 313 ☐ 315

3:30PM-6:15PM

☐ 314

5:15PM-6:15PM

☐ 316 ☐ 317 ☐ 318 ☐ 319

Wed., May 6

7:00AM-8:00AM

☐ 401 ☐ 402 ☐ 403 ☐ 404

7:00AM-12:45PM

☐ 405

8:15AM-10:15AM

☐ 400 Membership Meeting and Breakfast

10:30AM-11:30AM

☐ 406 ☐ 407 ☐ 408

10:30AM-12:45PM

☐ 409

11:45AM-12:45PM

☐ 410 ☐ 411 ☐ 412

2:00PM-3:30PM

☐ 413

2:00PM-5:15PM

☐ 414 ☐ 415

After April 3: All conference registration fees will increase by \$100.

☐ 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: _____

**This registration form is 2 pages.
Please complete and return both pages!**

\$_____ Subtotal – Page 1

Name (First M.I. Last): _____

		Subtotal from Page 1:	\$
Additional Fees and Ticketed Events		Activity Fee	Amount
Sunday, May 3	☐ Yes! I plan to attend the Exhibit Hall Opening Reception (Guest Ticket: \$60 each). Quantity_____	\$0 (Guest: \$60)	
Monday, May 4	☐ Yes! I would like the complimentary lunch in the exhibit hall**	\$0	
	Optional Event: Baltimore Museum of Industry (Guest Ticket: \$50) Quantity_____	\$50 (Guest: \$50)	
	Worksite Visit 801: Occupational Health at the Baltimore Zoo	\$75	
Tuesday, May 5	Worksite Visit 802: GM Powertrain	\$60	
Wednesday, May 6	☐ Yes! I plan to attend the Membership Meeting and Breakfast** (Guest Ticket: \$45 each) Quantity_____	\$0 (Guest: \$45)	
Other Conference Options			
Sunday, May 3	☐ Session 101: Introduction to OEM – <i>for newcomers to Occ Med only</i>	\$0	
Exhibitor Mailing 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 ☐ No thank you, I prefer not to be contacted by exhibitors	Please check your exhibitor mailing preferences at left	
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 2015)	\$129	
Pre-conference Courses		Activity Fee	Amount
ACOEM Member \$1,245 Non-Member: \$1,445 Retired, Resident, or Student Member: \$645	Foundations in Occupational Medicine – Option A April 30, May 1 and May 2, <i>plus online content</i>	See fees at left	
ACOEM Member \$675 Non-Member: \$815 Retired, Resident, or Student Member: \$345	Foundations in Occupational Medicine – Option B May 1 and May 2	See fees at left	
ACOEM Member \$675 Non-Member: \$815 Retired, Resident, or Student Member: \$345	Foundations in Occupational Medicine – Option C April 30, <i>plus online content</i>	See fees at left	
ACOEM Member \$675 Non-Member: \$815 Retired, Resident, or Student Member: \$345	Friday-Saturday, May 1-2 ☐ MRO Comprehensive Course ☐ Occupational Medicine Board Review Course ☐ AMA Guides to the Evaluation of Permanent Impairment 6th Edition and Other IME Skills	See fees at left	
ACOEM Member \$345 Non-Member: \$415 Retired, Resident, or Student Member: \$185	Saturday, May 2 ☐ Spirometry Testing in Occupational Health – Physician Update	See fees at left	
Post-conference Courses		Activity Fee	Amount
ACOEM Member \$345 Non-Member: \$415 Retired, Resident, or Student Member: \$185	Thursday, May 7 ☐ Work Disability Prevention for Clinicians: Mastering Your Role in the SAW/RTW Process ☐ CAOHC Professional Supervisor of the Audiometric Monitoring Program Workshop	See fees at left	
		Total Due:	\$

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

Credit Card #: _____ Exp. Date: _____ Signature: _____

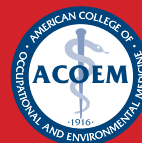
Return both pages of this form with payment to: CHECK: ACOEM Lockbox, 39032 Eagle Way, Chicago, Illinois 60678-1390 ~ CREDIT CARD: Fax to ACOEM at 847/818-9265
Registrations received without payment will not be processed. Please call 847/818-1800, ext. 374 with any questions.
 ** We understand that not 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.

OFFICE USE ONLY: Amount Paid: _____	Check #: _____	Batch #: _____	Date: _____
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ACOEM
25 Northwest Point Blvd, Suite 700
Elk Grove Village, IL 60007

AOHC 2015 | HILTON BALTIMORE MAY 3-6, 2015



AMERICAN COLLEGE OF
OCCUPATIONAL AND
ENVIRONMENTAL MEDICINE

