

Resident and Recent Graduate Friendly Sessions

Some sessions have been highlighted as “Resident and Recent Graduate Friendly.” It is expected that these sessions will contain content that highlights fundamental principles of Occupational and Environmental Medicine (OEM) and increase the depth of exposure to core OEM topics in clinical medicine, toxicology, environmental health and systems based practice.

Resident and Recent Graduate Friendly sessions are indicated by an “R” in front of the session number. Sessions descriptions follow the schedule below.

2011 AOHC Schedule-at-a-Glance

DAY 1: Saturday, March 26, 2011

7:00am-8:15am	7000 New Member Orientation			7104 Becoming and Maintaining Board Certification in Occupational Medicine <i>Special! Session offered at no additional fee; coffee service only</i>	
8:15am-9:45am	R-2100 AOHC Opening Session <i>C. O. Sappington Memorial Lecture: Mark R. Rosekind, PhD, National Transportation Safety Board</i>				
BREAK 9:45am-10:30am					
10:30am-12Noon	2101 Elements to Writing and Reviewing Occ. and Env. Health Literature	2102 POWER in Numbers: Measuring Performance in Federal Workers' Compensation	2103 Medical Marijuana and The Workplace	R-2104 Work Life: Integration of Health Promotion and Health Protection	2105 Excellence in Health Care: Case Studies from CHAA
12Noon-1:15pm (additional fee require)		7100 Social Media in Occupational Safety and Health	R-7101 When It Is Too Late To Just Say No: Disabled Workers on Opiates	7102 The Corporate Culture of Health	R-7103 Is It Recordable? Is It Ethical?
1:30pm-3:00pm	2106 Aligning Mission with Practice: Why Occupational Medicine Makes Sense	2107 Medical Standards for the UK Commercial Vehicle Operators Comparison with the US	2110 Infectious Disease Threats to the Traveler	2108 Staffing and Quality Metrics in Occupational Health Clinics	2109 Individual Scientific Abstracts
BREAK 3:00pm-3:30pm					
3:30pm-5:00pm	2111 Occupational Health System of Finland: Opportunities to Adopt Best Practices	R-2112 Impairment Assessments: Opportunities for Improvement	2110, Continued	2113 Fatigue Management in the Workplace	2114 Individual Scientific Abstracts
5:00pm-7:00pm	Exhibit Hall Opening Reception and Abstract Poster Presentations				
8:00pm	Resident and Recent Graduates Social Event (Event details TBD)				

DAY 2: Sunday, March 27, 2011

5:30 am – 6:15 am	Fun Run/Walk of the Washington Monuments <i>(No additional fee required; register on-site by visiting the AOHC Registration Desk)</i>				
7:00am-8:15am (additional fee required, except for 7203)	R-7203 Fitness for Duty Evaluations: What's in the Occupational Health Professional's Black Bag? <i>Session offered at no additional fee</i>		R-7201 The Independent Medical Examiner	R-7202 Disaster Preparedness: Lessons from Haiti	7204 Workplace Wellness Programs: The Vanderbilt University Experience
8:00am-12Noon	Work-site Visit: 8200-US Army Medical Research Institute of Infectious Diseases <i>(additional fee required)</i>				
8:30am-10:00am	2200 Maintaining a Healthy Workforce in a Global Chemical Industry	2202 Health and Productivity Management in the Global Context	R-2201 Biomonitoring: Old Tools, Wave of the Future	R-2203 Fitness Issues for Public Safety Medicine Using Optimal Guidance for Best Decisions	R-2204 Current Research in OEM and Resident Research Presentations
BREAK 10:00am-10:30am (In Exhibit Hall)					
10:00am-3:30pm	Exhibit Hall Open: Complimentary Lunch in Hall 12Noon <i>Meal ticket required for lunch. Please see registration form for details.</i>				
10:30am-12Noon	2205 Issues in Cancer Survivorship and Employment	2202, Continued		2203, Continued	2204, Continued
12Noon-1:15pm (additional fee required)	7205 An Approach to Conflicting Expert Testimony	R-7206 The Pre-travel Health Consultation	R-7207 The Use of Opioids in the Management of Chronic Pain Workers' Compensation	7208 Evaluation of the Victim of Workplace Violence Using a Brief Cognitive-behavioral Therapy Approach	7209 Innovations in Injury Care, Artist and Staff Support, and Community Partnership
1:30pm-3:00pm	R-2207 Mold and Damp Indoor Environments	2208 Developing a Health and Productivity-driven, Evidenced-based Approach to Benefit Design for Biologic Treatments	R-2210 Assessment of Toxic Exposures: A Clinician's Review	R-2211 Current Issues in Commercial Driver Medical Certification and Case Discussion	2209 Individual Scientific Abstracts
BREAK 3:00pm-3:30pm (In Exhibit Hall)					
3:30pm-5:00pm	2212 Maintaining a Healthy Workforce in a Global Petrochemical Industry	R-2213 Workers' Compensation Management: Quality Outcomes and Cost Containment	2210, Continued	2211, Continued	2214 Surveillance and Disaster Preparedness
5:15pm-6:30pm	7210 Becoming an ACOEM Fellow <i>Special! Session offered at no additional fee</i>				
7:00pm-10:00pm	8500 Optional Social Event: International Spy Museum <i>(off property; additional fee required)</i>				

DAY 3: Monday, March 28, 2011

7:00am-8:15am	7300 ACOEM POWER HOUR! Wake up to Washington					
8:30am-12Noon	Work-site Visit: 8301- National Zoo (additional fee required)					
8:30am-10:00am	R-2304 Legal/Regulatory Update: ADA, GINA, HIPPA, and Health Care Reform	2300 Forecasting Future Trends in Workers' Compensation	2301 William B. Patterson Memorial Presentation: Mark A. Rothstein, JD	R-2302 Teaching Using Experiential Learning: A Hands-on Workshop	R-2303 Prescription Drug Use in Transportation Workers	R-2305 Deepwater Horizon Disaster Response
BREAK 10:00am-10:30am						
10:30am-12Noon	2304, Continued	2306 Practical Approach to Employee Health Services	R-2307 Can't Work or Won't Work? Psychiatric Disability Evaluations	R-2308 Cardiovascular Disease in Firefighters and Law Enforcement	2309 FedStrive: Worksite Wellness Initiative in Federal Government	2305, Continued
12Noon- 2:00pm	R-7301 ACOEM Annual Membership Meeting and Luncheon <i>Meal ticket required for lunch. Please see registration form for details.</i>					
2:15pm-5:30pm	Work-site Visit: 8300-Occupational and Environmental Aspects at the Pentagon (additional fee required)					
2:15pm-3:45pm	2310 Developing Return-to-Duty Standards for Wounded Warriors	R-2313 MRO Controversies	R-2311 Dose: Quantitating Occupational Chemical Exposures	2312 Worksite Health and Safety: Application of Health and Productivity Principles	2314 Current Medical Center Occupational Health Issues	2305, Continued
BREAK 3:45pm-4:15pm						
4:15pm-5:45pm	2315 From War to Work: Understanding the Needs and the Strengths of Service Members Returning from Deployment	2313, Continued	2316 Evidence-based Update in Preventive Cardiology and Screening	2317 Promoting Quality Occupational Medicine	2314, Continued	2318 Late Breaker
6:00pm-7:00pm	7302 ACOEM's Maintenance of Certification Part IV Program: What Re-certifying ABPM Diplomates Need to Know <i>Special! Session offered at no additional fee</i>					
6:00pm	Resident and Recent Graduates Section Meeting					
7:00pm	Networking Event: Residents/Recent Graduates and ACOEM's Leadership & Fellows					

DAY 4 (½ Day): Tuesday, March 29, 2011

7:00am-8:15am (additional fee required)	7400 Attracting and Retaining Clients for an Occupational Medicine Practice	R-7401 Common Sense Approach to Documentation, Coding, Reimbursement	7402 Asset Protection	R-7403 Occupational and Environmental Health at PAHO	
8:00am-1:00pm	Work-site Visit: 8401-WDC Fire Training Academy (additional fee required; extremely limited openings)				
8:30am-12Noon	Work-site Visit: 8402- National Zoo (additional fee required)				
8:30am- 10:00am	2401 Comparative Effectiveness Research	R-2402 Hands on Orthopedics	R-2403 The Use of Functional Capacity Evaluation in Complex WC and Return to Duty Cases	2400 What ACOEM is Doing in Washington	R-2404 Workplace Investigations by NIOSH and OSHA
BREAK 10:00am-10:30am					
10:30am- 12Noon	2401, Continued	2402, Continued	2403, Continued	2405 Changing Your Working Language: Legislative Advocacy for Occupational Physicians	2404, Continued
1:45pm-4:00pm	8400 ACOEM's Capitol Hill Briefing (additional fee required; off property)				

Track Color Key: R =Resident and Recent Graduate Friendly Sessions	
Green	OEM Clinical Practice
Orange	Management and Administration in OEM
Yellow	OEM Education and Scientific Research
Pink	Environmental Health and Risk Management
Blue	Regulatory, Legal, Military, and Governmental OEM Practice
Purple	Other

Check out the ACOEM RRG page on Facebook and connect with other residents and recent graduates before attending AOHC!

Session Descriptions - Resident and Recent Graduate Friendly Sessions

Saturday 10:30am-12Noon

2104 CME/MOC: 1.5

Worklife: Integration of Health Promotion and Health Protection

TRACK: Management and Administration in OEM

Moderator

Laura S. Welch, MD, FACOEM*

Center to Protect Workers Rights, Silver Spring, MD

Faculty

Dean M. Hashimoto, MD, JD*

Partners Healthcare System MGH, Boston, MA

James A. Merchant, MD

University of Iowa, Iowa City, IA

Laura Punnett, PhD, ScD

University of Massachusetts At Lowell, Lowell, MA

NIOSH's WorkLife Initiative (WLI) envisions workplaces that are free of recognized hazards, with health-promoting and sustaining policies, programs, and practices; and employees with ready access to effective programs, services, and working conditions that protect their health, safety, and well being. To achieve these goals NIOSH and others are promoting a new approach, reflecting the growing appreciation of the complexity of influences on worker health and the interactions between work-based and non-work factors. A growing body of evidence indicates that workplace-based interventions that take an integrated approach may be more effective in protecting and improving worker health and well-being than traditional isolated programs, although obstacles to such a combined approach are substantial and merit in-depth discussion. This session will present an overview of the NIOSH WorkLife Initiative and then focus on research results from integrated health promotion/health protection programs. Included will be discussions of the role of work organization in health behaviors and chronic disease; implications for the aging workforce and for disability management; and ways to engage small employers and geographically dispersed workforces.

Saturday 12Noon-1:15pm

7101 CME/MOC: 1.0

When It Is Too Late To Just Say No: Dealing with the Disabled Worker on Opiates

TRACK: OEM Clinical Practice

Moderator

Robert E. Bonner, MD, MPH, FACOEM*, *The Hartford, Hartford, CT*

Faculty

Wilhelmina C. Korevaar, MD, MMM*, *Wilhelmina C. Korevaar, MD, PC, Bal Cynwyd, PA*

Use of opiate analgesics has been demonstrated to be a risk factor for prolonged, unnecessary disability. Occupational medicine physicians are often asked to assist in managing patients with work related injuries complicated by chronic pain and disability. These patients are often already taking opiate analgesics, sometimes at very high doses, and have been doing so for months or years. This session will address practical strategies for determining when opiates are indicated for non-cancer pain, when they are not, and how to approach the dependent patient so that alternative treatment regimens can be considered. This session is sponsored by the Work Fitness and Disability Special Interest Section. **Additional fee required. Seating is limited and pre-registration is required.**

Saturday 12Noon-1:15pm

7103 CME/MOC: 1.0

Is It Recordable? Is It Ethical?

TRACK: OEM Clinical Practice

Moderator/Faculty

Atkinson W. (Jack) Longmire, MD*, *OSHA, Silver Spring, MD*

Faculty

Patricia A. Bray, MD, MPH, FACOEM*

OSHA, Washington, DC

Kay A. Dellinger, MD, MPH*, *US Dept of Labor/OSHA/*

DTSEM/Office of Occupational Medicine, Washington, DC

The Office of Occupational Medicine (OOM) at OSHA continually receives diverse interesting consultation requests from field inspectors throughout the nation. Some of these consultations involve questions of OSHA log recordability, and sometimes this leads to questions of medical ethics. In this session, an OSHA medical officer and the Director of the OSHA Office of Statistical Analysis will discuss some interesting cases of OSHA recordability. **This session may be of particular**

**interest to residents and recent graduates. Additional fee required.
Seating is limited and pre-registration is required.**

Saturday 3:30pm-5:00pm

2112 CME/MOC: 1.5

Impairment Assessments: Opportunities for Improvement

**TRACK: Regulatory, Legal, Military, and
Governmental OEM Practice**

Moderator/Faculty

Christopher R. Brigham, MD, FACOEM*
*Impairment Resources, LLC, Portland, ME
Faculty*

W. Frederick Uehlein, Esq
Impairment Resources, LLC, Portland, ME

The assessment of impairment is the first step in medically assessing disability and the AMA Guides to the Evaluation of Permanent Impairment are the international standard. As a result of participating in this session, the attendee will be able to explain the concept of impairment, the differences among various editions, discuss the challenges and opportunities encountered in obtaining reliable impairment ratings, and list at least 10 practical solutions that will result in more appropriate impairment assessments and therefore reduce needless costs (human and financial). This session will be of interest to all involved in workers' compensation claims—ranging from corporate medical directors to physicians who perform ratings.

Sunday 7:00am-8:15am

7201 CME/MOC: 1.0

The Independent Medical Examiner

TRACK: OEM Clinical Practice

Moderator/Faculty

Douglas W. Martin, MD, FACOEM, FAADEP, FAAFP*

St Luke's Center for Occupational Health Excellence, Sioux City, IA

Independent medical examinations (IMEs) are used as third party examinations to resolve issues of treatment recommendations, work ability, level of impairment and/or disability and other disputed medicolegal issues. The attendee will learn what an IME is intended to accomplish and what the physician needs to understand in order to perform the service. Intended for the occupational medicine physician who is a novice or who wishes more information on how to improve upon the quality of the IME services that are provided, helpful hints, templates and examples will be discussed. Ample time will be reserved for questions and answers as well. This session is sponsored by the Private Practice in Occupational Medicine Special Interest Section. **Additional fee required. Seating is limited and pre-registration is required.**

Sunday 7:00am-8:15am

7202 CME/MOC: 1.0

Disaster Preparedness: Lessons from Haiti

TRACK: OEM Clinical Practice

Moderator/Faculty

John S. Andrews, Jr., MD, MPH*

University of Cincinnati, Cincinnati, OH

This session will discuss the Haitian earthquake disaster response from the medical perspective. Topics to be covered will be the disaster preparedness and emergency management ACOEM core competency, summarization of the principles for responding to a disaster, and issues for responding to an international earthquake disaster. **Additional fee required. Seating is limited and pre-registration is required.**

Sunday 7:00am-8:15am

7203 CME/MOC: 1.0

**Fitness-for-Duty Evaluations: What's in the
Occupational Health Professional's Black Bag?**

TRACK: OEM Clinical Practice

Moderator/Faculty

Stephen A. Frangos, MD, MPH, FACOEM*

Chevron Services Company, Houston, TX

Companies' expectations for safe operations require occupational health professionals to render a medical fitness for duty recommendation. Step through how occupational health professionals develop medical fitness for duty recommendations, understand the decision process, and learn about the types of evaluations and testing that are integral to the fitness for duty process. Discuss the "art" of the fitness-for-duty decision and legal parameters involved in the decision making. Explore the critical

role of supervisors and managers in helping to identify employees who may have medical issues that might be impacting performance; and understand the fitness-for-duty process in evaluating employee return to work. **Special! This session is offered at no additional cost; coffee service only. Seating is limited and preregistration is required.**

Sunday 8:30am-10:00am

2201 CME/MOC: 1.5

Biomonitoring: Old Tools, Wave of the Future

TRACK: Environmental Health and Risk Management

Moderator

Rupali Das, MD, MPH, FACOEM*

California Department of Public Health, Richmond, CA

Faculty

Michael L. Fischman, MD, MPH, FACOEM*

Fischman Occupational and Environmental

Medical Group, Walnut Creek, CA

Leslie Israel, DO, MPH, FACOEM*

University of California Irvine COEH, Irvine, CA

For decades, biomonitoring has been used to assess and control chemical exposures in the workplace, where it remains an important but limited surveillance tool. Increasingly, government and non-governmental organizations are expanding its use and making it applicable to non-occupational settings. Through the National Biomonitoring Program, the Centers for Disease Control and Prevention (CDC) established biomonitoring as a method to examine the US public's exposure to environmental chemicals. However, community-specific data are not available from the CDC national program. To address this gap, several states have initiated their own programs, including California with the first legislatively mandated state program. This session will discuss biomonitoring, its historic and current uses in occupational and environmental settings, benefits, and limitations. There will also be discussion on the practical applications of biomonitoring to reduce exposures to chemicals and improve workplace health in an emerging industry. This session is sponsored by the Environmental Health Special Interest Section.

Sunday 8:30am-12Noon

2203 CME/MOC: 3.0

Fitness Issues for Public Safety Medicine Using

Optimal Guidance for Best Decisions

TRACK: OEM Clinical Practice

Moderator

David J. Louis, MD, MS, FACOEM*

Air Force Materiel Command, Beavercreek, OH

Faculty

Edward I. Galaid, MD, MPH*

Northeast Georgia Health System, Gainesville, GA

Thomas R. Hales, MD, MPH*, NIOSH/CDC, Cincinnati, OH

Daniel G. Samo, MD, FACOEM*

Northwestern Memorial Physicians Group, Chicago, IL

Nearly every occupational medicine physician deals with fitness-for-duty issues but none are more critical than public safety medicine where our decisions could affect the life or death of the public. Attendees will learn about the latest updates in ACOEM's Guidance for the Medical Evaluation of Law Enforcement Officers, with special emphasis on musculoskeletal problems. They will also learn the latest updates from the National Fire Protection Association's 1582 Standard for Medical Evaluation of Firefighters. Finally, our expert panel will discuss the most difficult fitness cases presented to our Public Safety list-serve and will also give opinions on difficult placement decisions offered by our attendees. This session is sponsored by the Public Safety Medicine Special Interest Section.

Sunday 8:30am-12Noon

2204 CME/MOC: 3.0

Current Research in OEM and Resident

Research Presentations

TRACK: OEM Education and Scientific Research

Moderator

John D. Meyer, MD, MPH, FACOEM*

Stony Brook University Dept of Preventive Medicine, Stony Brook, NY

This program will provide investigators in occupational and environmental health with a forum for presentation of current and cutting-edge research in OEM. Presentations will be made both by established

researchers and by residents in OEM training.

Sunday 12Noon-1:15pm

7206 **CME/MOC: 1.0**

The Pre-travel Health Consultation

TRACK: OEM Clinical Practice

Moderator/Faculty

Maria G. Michas, MD, MPH, FACOEM*

Group Health, Renton, WA

Each year, millions travel to the developing world. The hygiene conditions and healthcare systems in many of these countries are poor and pose considerable health risks for travelers. The risk of becoming ill depends on many variations. There are over 200 countries in the world, each with its own unique entry requirements, diseases and health hazards. It is critically important to have current information on important destination specific risks and disease prevention strategies. Occupational medicine physicians can adequately practice travel medicine if they are willing to stay abreast of new developments in the field.

At the conclusion of this presentation, participants will understand the principles of travel health; be able to implement pre-travel health planning; and become familiar with various resources for obtaining current travel health information. **Additional fee required. Seating is limited and pre-registration is required.**

Sunday 12Noon-1:15pm

7207 **CME/MOC: 1.0**

The Use of Opioids in the Management of Chronic Pain Workers' Compensation

TRACK: OEM Clinical Practice

Moderator/Faculty

Edward J. Bernacki, MD, MPH, FACOEM*

Johns Hopkins University, Division of Occupational Medicine, Baltimore, MD

The use of opioids in chronic pain has been increasing. This session describes the epidemiology of the use of opioids in chronic pain, the types of medications used and the rationale for using various types of opioids in the management of pain. **Additional fee required.**

Seating is limited and pre-registration is required.

Sunday 1:30pm-3:00pm

2207 **CME/MOC: 1.5**

Mold and Damp Indoor Environments

TRACK: Environmental Health and Risk Management

Moderator

Beth A. Baker, MD, MPH, FACMT, FACOEM*

Specialists in OEM, Eden Prairie, MN

Faculty

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

Glens Falls Hospital Center for

Occupational Health, Saratoga Springs, NY

This session will review current scientific literature regarding health effects due to mold and damp indoor environments. We will review the 2009 World Health Organization review, the Institute of Medicine Report from 2004 (IOM Report), and the revised ACOEM mold guidance document from 2010. We will discuss how to address patients' concerns about mold exposures in damp indoor environments and diagnosis and treatment of related conditions. We will review current data regarding exposure assessment to damp indoor environments.

Sunday 1:30pm-5:00pm

2210 **CME/MOC: 3.0**

Assessment of Toxic Exposures: A Clinician's Review

TRACK: OEM Clinical Practice

Moderator

Clayton T. Cowl, MD, MS, FACOEM*, *Mayo Clinic, Division of Preventive and Occupational Medicine, Rochester, NY*

Faculty

Laurence J. Fuortes, MD, MS*

University of Iowa College of Public Health, Iowa City, IA

Thomas Moyer, PhD

Mayo Clinic, Department of Laboratory Medicine, Rochester, NY

Richard J. Thomas, MD, MPH, FACOEM*

National Naval Medical Center, Bethesda, MD

Each year, thousands of products are utilized in industrial, domestic, and other processes with potential untoward effects. In addition,

toxic exposures from inhalation, dermal, and gastrointestinal absorption affects hundreds of individuals each year. This session reviews basic concepts of toxicology as applied to environmental health on a clinical level—from the individual to an exposed population. The course will focus on evaluation of toxic inhalations and other exposures seen periodically by the occupational medicine practitioner, including review of the clinical management of common toxic agents—from smoke inhalation to household chemical interactions to other common industrial exposures. Recognition and evaluation of the nuances of laboratory testing of toxic agents will also be discussed. The target audience for this session is occupational health care providers with clinical interest in pulmonary diseases and acute or chronic toxic inhalations or other forms of toxic exposure.

Sunday 1:30pm-5:00pm

2211 CME/MOC: 3.0

Current Issues in Commercial Driver Medical

Certification and Case Discussion

TRACK: OEM Clinical Practice

Moderator/Faculty

Natalie P. Hartenbaum, MD, MPH, FACOEM*

OccuMedix, Maple Glen, PA

Faculty

Kurt T. Hegmann, MD, MPH, FACOEM*

University of Utah RMCOEH, Salt Lake City, UT

Benisse Lester, MD, FACOEM*

Federal Motor Carrier Safety Administration, Washington, DC

The commercial driver medical certification process is in the middle of significant changes. This session will review recent and pending changes in regulations and guidance and would be geared towards anyone involved with commercial driver medical issues. Complex cases submitted by course registrants prior to session will be discussed by speakers and audience. Session participants are encouraged to submit cases at least 4 weeks prior to AOHC to occumedix@comcast.net. This session is sponsored by the Transportation Special Interest Section.

Sunday 3:30pm-5:00pm

2213 CME/MOC: 1.5

Workers' Compensation Management: Quality

Outcomes and Cost Containment

TRACK: Management and Administration in OEM

Moderator

Judith G. McKenzie, MD, MPH, FACOEM*

University of Pennsylvania Medical Center, Philadelphia, PA

Faculty

Johnston Co, MD, MPH

St. Joseph's Occupational Health, Stockton, CA

David G. Lukco, MD, MPH

Medical Advisory Services, Gaithersburg, MD

The objective of this session is to review proven strategies used in managing workers' compensation cases in a healthcare setting. An overview of the historical context and opportunity in which the Workers' Compensation System arose and of the events that have shaped the current system will be presented. This session will also review of the medical literature examining successful strategies that have been used in an effort to reduce costs; improve return to work parameters; increase satisfaction of the patient, claims adjuster and employer; and reduce litigation will be discussed. In addition, trends in Workers' Compensation costs over the past couple decades, both medical and indemnity, will be reviewed that demonstrate a cost savings. Case studies will be presented. Guidance will be offered regarding practical approaches to incorporating relevant strategies in one's practice, as well as on how to maintain sustainability of these interventions to help ensure longterm financial success.

Monday 8:30am-10:00am

2302 CME/MOC: 1.5

Teaching Using Experiential Learning: A Hands-on Workshop

TRACK: OEM Education and Scientific Research

Moderator/Faculty

Kent W. Peterson, MD, MRO, FACPM, FACOEM*

Occupational Health Strategies, Inc., Charlottesville, VA

Wake up your teaching and learning methods! Well-documented principles of adult education reinforces that adults learn best by experiential learning active movement and engagement of mind, body, emotions,

and spirit. Flesh out your teaching and learning repertoire. Delight in more than a dozen alternative learning methods from kinesthetics, group problem solving, core energetics, guided visualization, journaling, partnering, paired sharing, props, games, vocalization, case study, progressive revelation, active listening, debate, role playing, music, e-learning, polling, to consensus building. Leave not only refreshed, but inspired to incorporate into your next teaching opportunity some of these simple, practical tools for helping adults engage in memorable learning.

Monday 8:30am-10:00am

2303 **CME/MOC: 1.5**

Prescription Drug Use in Transportation Workers:

Safety, Legal and Policy Perspectives

TRACK: Regulatory, Legal, Military, and

Governmental OEM Practice

Co-Moderators/Faculty

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

Glens Falls Hospital Center for Occupational Health

Saratoga Springs, NY

John P. Holland, MD, MPH, FACOEM*

Holland Associates, Inc., Seattle, WA

This session deals with the important safety concerns related to the use of prescription drugs by workers in the transportation industry. A key focus will be on drugs that can impair alertness, cognitive process and motor function, specifically the prescription use of opioids, sedatives, and stimulants. We will cover basic pharmacology, clinical uses and historical trends; uses of opioids and alternatives for non-cancer chronic pain; misuse and abuse of opioids by chronic pain patients; use of sedatives and stimulants for psychiatric and other conditions; scientific evidence on prescription drug use in transportation workers; recommendations of a FMCSA advisory panel on Schedule II drug use; legal issues for physicians and employers; and current regulatory approaches to this issue by Department of Transportation agencies. This session is sponsored by the Transportation Special Interest Section.

Monday 8:30am-12Noon

2304 **CME/MOC: 3.0**

Legal/Regulatory Update: ADA, GINA,

HIPPA, and Health Care Reform

TRACK: Regulatory, Legal, Military, and

Governmental OEM Practice

Moderator

Timothy M. Mallon, MD, MPH, FACOEM*

Uniformed Services University, Bethesda, MD

Faculty

Margaret A. McCausland, ESQ,

McCausland and McCausland LLC, Conshohocken, PA

Brian G. Scott, MD, MPH*, *Battelle, San Antonio, TX*

Phil Spottswood

Office of Personnel Management, Washington, DC

This session will provide attendees with an update of various laws affecting clinical OEM practice to include the Americans with Disabilities Act Amendments (ADAA) and a new law, The Genetics and Non-Disclosure Act (GINA). In addition, recent court cases regarding the Health Insurance Portability and Accountability Act (HIPPA) will be discussed and best practices in the conduct of fitness for duty and directed medical and psychiatric testing will be discussed. This session is sponsored by the Federal and Military Occupational and Environmental Medicine Special Interest Section.

Monday 8:30am-3:45pm

2305 **CME/MOC: 4.5**

Deepwater Horizon Disaster Response

TRACK: Environmental Health and Risk Management

Moderator/Faculty

Robert M. Bourgeois, MD, MPH, FACOEM*

Bourgeois Medical Clinic, Morgan City, LA

Faculty

Bruce P. Bernard, MD, NIOSH, *Cincinnati, OH*

Timothy E. Davis, MD, MPH, BS*, *HHS, Arlington, VA*

Richard JL Heron, MD, FRCP, FACOEM*

BP International, Sunbury on Thames, England

Melody M. Kawamoto, MD, MS*, *CDC/NIOSH, Cincinnati, OH*

Atkinson W. (Jack) Longmire, MD*, *OSHA, Silver Spring, MD*

Glenn Millner, PhD

Center for Toxicology and Environmental

Health LLC, North Little Rock, AR

Kevin J. O'Shea, MD, MPH*, BP North America, Whiting, IN

Jen Rusiecki, MD, USUHS

Erica G. Schwartz, MD, Coast Guard Headquarters, Washington, DC

LuAnn E. White, PhD, DABT, Tulane School of Public Health
and Tropical Medicine, New Orleans, LA

At approximately 10 PM (CST), on Tuesday, April 20th, a massive explosion occurred on the Deepwater Horizon (DWH) drilling rig, resulting in the largest marine oil spills in our nation's history. The oil spill response and recovery has represented an unprecedented inter-agency effort to tackle the problem. This session will describe the DWH story from the perspective of the unified responders. Representatives from OSHA, NIOSH, HHS, USCG, Louisiana Department of Health and Hospitals, and local Occupational Medicine providers will focus on various issues ranging from Health Hazard Evaluations to Risk Communication and Lessons Learned. This session is sponsored by the Mid South Occupational and Environmental Medicine Association Component Society. This session will break from 12 Noon–2:00 pm so that attendees may attend the ACOEM Annual Membership Meeting and Luncheon.

Monday 10:30am-12Noon

2307 CME/MOC: 1.5

Can't Work or Won't Work? Psychiatric

Disability Evaluations

TRACK: OEM Clinical Practice

Moderator/Faculty

Liza H. Gold, MD

Georgetown University School of Medicine, Arlington, VA

Psychiatric illness is one of the leading causes of workplace disability claims. Nevertheless, the presence of a psychiatric diagnosis does not automatically imply functional impairment, and functional impairment does not necessarily result in work disability. This session will cover the complex relationship between psychiatric disorders and work disability; review the common causes of psychiatric disability; examine the need for quick and thorough mental health evaluations in the event of a psychiatric disability claims; review the elements of a comprehensive psychological evaluation, including psychiatric, personal, social, medical, workplace factors, clinical interview, and document review; as well as challenging issues of causation and malingering.

Monday 10:30am-12Noon

2308 CME/MOC: 1.5

Cardiovascular Disease in Firefighters and Law Enforcement:

State of the Scientific Research and Clinical Implications

TRACK: OEM Education and Scientific Research

Moderator/Faculty

Stefanos N. Kales, MD, MPH, FACP, FACOEM*

Harvard School of Public Health, Boston, MA

Cardiovascular disease (CVD) accounts for 45% and 22% of on-duty deaths among firefighters and police, respectively. This contrasts with only 15% of occupational fatalities among all professions combined. For each death, there are more than 15 non-fatal events and many more claims for CVD-related disability. This session will summarize over a decade of cutting-edge research, including landmark papers in journals. Preliminary data and insights from on-going Homeland Security-funded efforts around exercise testing, diet, physical activity, and sleep hygiene from a multi-state cohort of firefighters, and new studies on police will be included. Throughout the session, research will be translated into clinical implications for occupational practice, including prevention, surveillance, and fitness for duty. Attendees will understand the prevalence of CVD risk factors among recruits and veterans; the progression of undetected or poorly managed CVD risk factors into sub-clinical and clinical disease; and the interaction of occupational hazards and preexisting pathology in the development of on-duty CVD events.

Monday 2:15pm-3:45pm

2311 CME/MOC: 1.5

Dose: Quantitating Occupational Chemical Exposures

TRACK: OEM Clinical Practice

Moderator/Faculty

Theodore F. Them, MD, MS, PhD, MPH*

Guthrie Clinic, Ltd., Sayre, PA

Occupational chemical exposures are often erroneously equated to actual organ-specific or systemic toxicity regardless of actual, experienced

dose. This error is commonly made within the legal system and frequently leads to scientifically unfounded workers' compensation awards. While the industrial hygiene data and employment records of those who are, or claim to be, occupationally exposed and affected by various chemical toxicants are commonly available, it is uncommon in these cases to see actual dose calculations completed; objectively compared with known, human toxicologic studies and related data; and presented, in a logical, convincing manner to the court. This session will focus on the precise methods of calculating defensible human occupational chemical dose(s) resulting from topical, inhalational, and ingestional exposure routes. Quantitative methods of determining precise dose of a given chemical, from exposure-duration and exposure concentration data, will be explained. Moreover, special emphasis will be placed upon precise, comparative calculations of occupational doses of a given chemical vs. non-occupational doses of the same chemical from various sources. Actual case presentations will be presented.

Monday 2:15pm-5:45pm

2313 **CME/MOC: 3.0**

MRO Controversies

TRACK: Management and Administration in OEM

Moderator

Douglas W. Martin, MD, FACOEM, FAADEP, FAAFP*

St Luke's Center for Occupational Health Excellence, Sioux City, IA

Faculty

Karl Auerbach, MD, MBA, MS, FACOEM*

University of Rochester, Rochester, NY

Donna R. Smith, PhD,

Highpoint Business Campus, Chalfont, PA

In this session, common and not-so-common difficulties with federally regulated drug testing programs will be discussed and reviewed. The duty of the medical review officer (MRO) to report medications that may present a safety risk to the designated employer representative and Americans with Disabilities Act implications of these actions will be explored. Time will also be spent discussing varying scenarios that arise in non-regulated testing and focus on the issue of alternative testing methods and strategies. Real-life case scenarios will be presented that cover unusual or challenging issues for the MRO. This session concludes with a legislative update of any proposed regulatory changes that might affect the MRO. The target audience for this session is MROs and/or those involved with developing or overseeing employer drug and alcohol testing programs. This session is sponsored by the Medical Review Officers Special Interest Section.

Tuesday 7:00am-8:15am

7401 **CME/MOC: 1.0**

A Common Sense Approach to Documentation, Coding, and Reimbursement

TRACK: OEM Clinical Practice

Moderator/Faculty

Donna Lee Gardner, RN, RYAN Associates, Bakersville, NC

This session will offer practical advice on maximizing revenue through appropriate EandM codes and accurate identification of specialty procedures. We will cover the nuances of billing, coding, and chart review. Additionally we will discuss the value of following ACOEM Practice Guidelines and the need for documentation and billing standards. Attendees will discuss the documentation guidelines available and the process for standard development for initial, follow-up and discharge visit format for injured worker evaluations; identify the core components for each of the visit models; identify the rationale for code development; and discuss the use of specific procedure modifier with evaluation and management coding. **Additional fee required. Seating is limited and pre-registration is required.**

Tuesday 7:00am-8:15am

7403 **CME/MOC: 1.0**

Occupational and Environmental Health at the Pan American Health Organization (PAHO)

TRACK: Environmental Health and Risk Management

Moderator

Agnes Soares, PhD

Pan American Health Organization, Washington, DC

Faculty

Marilyn A. Fingerhut, PhD

Consultant to NIOSH, Alexandria, VA

Marie-Claude Lavoie

Pan American Health Organization, Washington, DC

This session will provide the attendees with an understanding about the activities of the Pan American Health Organization (PAHO) in workers' health and environmental health and will describe the key current environmental health activities of PAHO. In addition, an overview will be provided of occupational health initiatives and will focus on the "Americas Initiative for Occupational Health in the Health Care Sector." Also covered will be the "Americas Silicosis Initiative," a regional approach of PAHO, its Occupational Health Collaborating Centers in the U.S., Chile, Colombia, Brazil, and Peru, and the International Labor Organization. **Additional fee required. Seating is limited and pre-registration is required.**

Tuesday 8:30am-12Noon

2402 **CME/MOC: 3.0**

Hands on Orthopedics

TRACK: OEM Clinical Practice

Moderator

A. Nelson Avery, MD, FACOEM*

*Preventive Medicine Residency Program, Round Rock, TX
Faculty*

Nicholas F. Tsourmas, MD*, *Austin, TX*

Hands-on-orthopedics is what should be learned before graduating medical school as far as a pertinent and complete musculoskeletal examination of the 4 or 5 diagnoses that are most common for each body area. The session is targeted towards physicians who deal with musculoskeletal ailments on a regular basis and wish to fine tune their physical examination and diagnostic skills. The diagnoses common to each body area will be discussed as to pathophysiology, physical exam findings and current treatment. This is a hands-on course and attendees will be expected to demonstrate physical exam maneuvers on other participants. The first half will be upper extremities. The second half will address spine both cervical and lumbar.

Tuesday 8:30am-12Noon

2403 **CME/MOC: 3.0**

The Use of Functional Capacity Evaluation in

Complex WC and Return to Duty Cases

TRACK: OEM Clinical Practice

Moderator/Faculty

Francesca K. Litow, MD, MPH, FACOEM*

*Occupational Medicine Consultant, Wynnewood, PA
Faculty*

Jill S. Galper, PT, Med*

IMX Medical Management Services, Bala Cynwd, PA

This session will present a didactic overview of the functional capacity evaluation (FCE) process, content, and reporting; illustrate performance clips of specific evaluation tests during the FCE; and discuss a case-based review of the application and use of the FCE as a clinical tool in management of workers' compensation claims and the return-to-duty process. Illustrative, complex, "real world" injury cases will be reviewed with input and discussion from the session participants and faculty regarding case management.

Tuesday 8:30am-12Noon

2404 **CME/MOC: 3.0**

Workplace Investigations by NIOSH and OSHA

TRACK: Regulatory, Legal, Military, and

Governmental OEM Practice

Co-Moderators

Judith Eisenberg, MD, MS*, NIOSH, Cincinnati, OH

Kathleen M. Fagan, MD, MPH*

*OSHA Office of Occupational Medicine, Washington, DC
Faculty*

Melody M. Kawamoto, MD, MS*

CDC/NIOSH, Cincinnati, OH

David Schmidt, BS

OSHA Office of Statistical Analysis, Washington, DC

Loren C. Tapp, MD, MS*

CDC/NIOSH, Cincinnati, OH

Outside the field of occupational safety and health, some people confuse NIOSH and OSHA. OSHA's Office of Occupational Medicine provides assistance for field enforcement inspections and the NIOSH Health Hazard Evaluation (HHE) Program responds to requests for workplace evaluations from employers, employees, and unions. Sometimes, NIOSH and OSHA physicians' activities intersect, particularly

in the area of emergency response, but, most recently, to address unresolved issues of work-relatedness. With a focus on questions of causation, questions of practice, and updates on issues of common interest, this session will present recent OSHA field inspections and NIOSH HHEs, and announce a collaborative effort of NIOSH and OSHA physicians. By attending this session, participants will learn about investigations and findings on questions of causation, recommendations for questions of practice, and the differences, similarities, and intersections of activities at OSHA and NIOSH.