

Division of Occupational
and Environmental Medicine
Department of Medicine
School of Medicine
University of California, San Francisco



Health and Safety in Transportation Workers: Air, Sea, and Land and Occupational and Environmental Medicine Update

THURSDAY - SATURDAY
November 12-14, 2009



**Holiday Inn Golden
Gateway Hotel**
San Francisco, CA

***ABPM MOC Approved**

COURSE CHAIRS

Paul D. Blanc, MD, MSPH

Professor of Medicine, Endowed Chair
and Division Chief, Occupational and
Environmental Medicine
University of California, San Francisco

Robert Kosnik, MD

Associate Clinical Professor, Medical
Director, Employee Health Services,
Division of Occupational and
Environmental Medicine
University of California, San Francisco



Health and Safety in Transportation Workers: Air, Sea, and Land and Occupational and Environmental Medicine Update

Holiday Inn Golden Gateway Hotel
San Francisco, CA

November 12-14, 2009

This course, presented by the Division of Occupational and Environmental Medicine in the Department of Medicine at the University of California, San Francisco, is designed to provide occupational health professionals with a review of clinical toxicology, epidemiology, and the evaluation of occupational and environmental diseases and injuries. The curriculum will also include a substantial component focused on issues specifically pertinent to health and safety of transportation and maritime workers.

This course is approved for American Board of Preventative Medicine Maintenance of Certification credit and is a comprehensive update for occupational medicine specialists. In addition to occupational medicine specialists, this course is also designed to meet the needs of primary care providers and others engaged in occupational health practice and research including physicians (family physicians, general practitioners, internists, emergency medicine specialists), nurse practitioners and other nursing professionals, physician's assistants, industrial hygienists, and health care researchers and policy makers.

- OBJECTIVES**
- An attendee completing this course will be able to:
- Analyze medical data derived from medical research findings, particularly toxicological and epidemiologic investigations, and incorporate them into practice to improve patient outcomes;
 - Evaluate scientific evidence for patient care indicators in the field of occupational and environmental health;
 - Improve diagnostic methods for selected occupational and environmental conditions and expand treatment options;
 - Identify potential chemical, physical, and biological environmental causes of health concerns at the individual patient and community health level and the related regulatory management of specific work-related scenarios.

ACCREDITATION

The University of California, San Francisco School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

UCSF designates this educational activity for a maximum of 20.5 *AMA PRA Category 1 Credit(s)*[™].

Physicians should only claim credit commensurate with the extent of their participation in the activity.

American Board of Preventive Medicine:

The American Board of Preventive Medicine for Maintenance of Certification (MOC) has approved this course for a maximum of 20 MOC credits.

This CME activity meets the requirements under California Assembly Bill 1195, continuing education and cultural and linguistic competency.

Geriatric Medicine:

The approved credits shown above include 2.25 credits toward meeting the requirement under California Assembly Bill 1820, Geriatric Medicine for internists and family practice physicians licensed in California to complete 20% of their ongoing mandatory continuing medical education if their practice is comprised of a patient population of which 25% is aged 65 years or older.

Family Physicians: Application for CME credit has been filed with the American Academy of Family Physicians. **Determination of credit is pending.**

California Division of Workers Compensation-Medical Unit (QME Credit): Application for credit has been filed with the California Division of Workers Compensation-Medical Unit for Qualified Medical Evaluator credit. **Determination of credit is pending.**

Nurses:

For the purpose of recertification, the American Nurses Credentialing Center accepts *AMA PRA category 1 Credit*[™] issued by organizations accredited by the ACCME.

Physician Assistants: AAPA accepts category 1 credit from AOACCME, Prescribed credit from AAFP, and *AMA PRA Category 1 Credit*[™] from organizations accredited by the ACCME.

Health and Safety in Transportation Workers: Air, Sea, and Land Occupational and Environmental Medicine Update

HEALTH AND SAFETY IN TRANSPORTATION WORKERS: AIR, SEA, AND LAND THURSDAY, NOVEMBER 12, 2009 • ONE DAY ONLY

7:30 am	<i>Registration and Continental Breakfast</i>	
8:00	Introduction and Orientation	Paul D. Blanc, MD, MSPH
8:10	Railway Workers: Ergonomic and Respiratory Hazards	Stephen Popkin, PhD
9:00	Acute and Chronic Trauma in Transportation Workers: Epidemiology and Prevention	David Ragland, PhD
9:50	<i>Coffee Break</i>	
10:15	Keynote: Occupational Safety and Health of Fishermen and Mariners	George A. Conway, MD, MPH, AME, CAPT, USPHS (Ret.)
11:30	Diving and Hyperbaric Environments	Patrick R. Laraby, MD, MS, MPH, MBA, CDR, MC, USN
12:20 pm	<i>Lunch on Own</i>	
1:30	Keynote: Occupational Safety and Health – The NASA Perspective	David H. Kaye, DO, MPH
2:45	Sleep-Rest Cycles: Implications for Professional Drivers	David Claman, MD
3:30	<i>Coffee Break</i>	
3:45	Cabin Air Quality and Airline Worker Health	Robert Harrison, MD, MPH
4:30	Panel Presentation and Discussion: Special Examinations and Surveillance for Drivers, Pilots, and Other Fitness for Duty	Facilitator: Robert Kosnik MD Presenters: Scott Levy, MD, MPH Peter Swann, MD, FAAFP Norman Westhoff, MD, MPH
6:00 pm	<i>Adjourn</i>	

OCCUPATIONAL AND ENVIRONMENTAL MEDICINE UPDATE DAY ONE • FRIDAY NOVEMBER 13, 2009

7:30 am	<i>Registration and Continental Breakfast</i>	
8:00	Introduction and Orientation	Paul D. Blanc, MD, MSPH
WORK-RELATED ALLERGY		
8:10	The Range of Sensitivity: From Cutaneous Responses to Rhinitis to Asthma	Dennis Shusterman, MD, MPH
9:00	Occupational Exposures to Cleaners and Disinfectants: Allergic vs. Irritant Responses	Howard Maibach, MD
9:50	<i>Coffee Break</i>	
10:15	Keynote: Occupational Asthma Update: Novel Agents and Evolving Concepts	John Balmes MD
11:30	Laboratory Animal Allergy – Nothing to Sneeze At	James Seward, MD, MPP
12:20 pm	<i>Lunch on Own</i>	
WORK-RELATED MUSCULOSKELETAL PROBLEMS		
1:30	Keynote: Occupational Risk Factors for Rheumatic Diseases	Glinda S. Cooper, PhD
2:45	Knee Injury: Return to Work After Surgery Strategies	Lesley J. Anderson, MD
3:30	<i>Coffee Break</i>	
3:45	How Does Hip Arthroscopy and Hip Replacement Affect the Worker?	Thomas G. Sampson, MD
4:30	Alternative and Complementary Therapies for Musculoskeletal Conditions	Bradly Jacobs, MD, MPH
5:15	The Aging Worker: The Intersection of Geriatrics and Occupational Medicine	Kenneth Covinsky, MD, MPH
6:00 pm	<i>Adjourn</i>	

OCCUPATIONAL AND ENVIRONMENTAL MEDICINE UPDATES**DAY TWO • SATURDAY NOVEMBER 14, 2009**7:45 am *Breakfast***TOPICS IN ENVIRONMENTAL MEDICINE**

8:15	Keynote: Gene-Environment Interactions: Practical Implications from a Clinical Perspective	Robert Nussbaum, MD
9:15	Consumer Products – Issues in Environmental Medicine	Paul D. Blanc, MD, MSPH
10:00	<i>Coffee Break</i>	
10:15	Preparing for Climate Change: Thinking Globally but Acting Locally for a Growing Environmental Health Problem	Gina Solomon, MD, MPH
11:00	Environmental Medicine Grand Rounds: Case-Based Presentations	Presenters: Sarah Jewell, MD Patricia Quinlan, CIH, MPH Mark Miller, MD, MPH Craig Smollin, MD
12:30 pm	<i>Adjourn/Evaluations/CME Certificates</i>	

GENERAL INFORMATION

Pre-registration is preferred to ensure that registrants receive a syllabus.

HOW TO ENROLL

Tuition: **\$550** Physicians
\$500 Allied Health Professionals/
Residents/Fellows

You must call or fax if you would like to register for **only** the Transportation Workers or Occupational or Environmental Medicine Updates Sections.

Health and Safety in Transportation Workers: Air, Sea and Land (November 12)

8.25 AMA PRA Category 1 Credits™

\$240 Physicians
\$200 Allied Health Professionals/
Residents/Fellows

Occupational and Environmental Medicine Updates Section (November 13 & 14)

12.25 AMA PRA Category 1 Credits™

\$350 Physicians
\$300 Allied Health Professionals/
Residents/Fellows

Payment can be made by Visa, MasterCard, AmEx or check.

REGISTER VIA:**Online:** www.cme.ucsf.edu

Mail: Complete course registration form and send with payment to:
UCSF Office of CME
P.O. Box 45368
San Francisco, CA
94145-0368

Fax: Fax completed registration form to: (415) 502-1795 (be sure to include your credit card number)

Phone: To register by phone or to inquire about registration status, please call UCSF's CME Registration Office at (415) 476-5808.

On-Site Registration

Time: 7:30 am- 8:00 am

Date: Thursday, November 12 & Friday, November 13

Place: Holiday Inn Golden Gateway Hotel
1500 Van Ness Avenue
San Francisco, CA 94109**REFUND POLICY**

Cancellations received in writing before the first day of the course will be refunded, less a \$75 administrative fee. No refunds will be made on cancellations received after that date.

CONFERENCE LOCATION

The Holiday Inn San Francisco Golden Gateway Hotel is located in the center of downtown San Francisco, just steps away from the historic California Cable Car turnaround. The 26-story, 499 room hotel offers fantastic city views. Their tastefully appointed, newly-renovated guest rooms begin on the 6th floor of the hotel and all offer free wireless internet access. Located in the lower Nob Hill / Pacific Heights neighborhood, the hotel is near all major attractions: the Golden Gate Bridge, Fisherman's Wharf / Pier 39, Union Square, Chinatown, the Moscone Convention Center, and City Hall/Civic Center. Abundant shopping, dining, and entertainment choices are all within walking distance.

A block of guestrooms has been reserved at the special UCSF conference rate of \$145.00. You are urged to make your reservations early. The cut off date is October 10, 2009 or until the group room block is filled.

Go to www.goldengatewayhotel.com to make hotel reservations and use group code SUC. If you prefer to telephone in your reservation, please call 866-272-7098 and identify yourself as a member of this UCSF conference to receive the special rate.

By staying at the host hotel, you help UCSF meet its contractual obligations and keep registration fees reasonable. Please take this into consideration when making your accommodation decisions.

RENTAL CAR

Hertz is offering special rates for participants of this conference; simply call (800) 654-2240 and refer to identification number # 03BW0128, or call your travel agent. You may also make reservations at www.Hertz.com.

AIR TRANSPORTATION

Special arrangements have been made with Montgomery Travel. Simply call (800) 391-2287 or complete the form on the UCSF web page at www.montgomerytravel.com. In addition to offering lower rates than published airfares, ticketed passengers may take advantage of the 24 hour emergency service. There is a \$35 service fee.

UCSF has negotiated special fares with American and United Airlines for our course attendees. You may use the following tour codes to book on your own:

American (800) 433-1790 code: 19686

United (800) 521-4041 code: 510CF

FPO
POSTAL

4th International Conference on the History of Occupational and Environmental Health

June 19-22, 2010
San Francisco, California
• including a training workshop in history methods June 19.

Co-sponsored by the International Commission on Occupational Health (ICOH).

For information on this upcoming event in 2010, please email Paul.Blanc@ucsf.edu

♻️ Printed on Recycled Paper

For more information or to register online visit our website at www.cme.ucsf.edu. You may also reach us by calling the Office of CME at (415) 476-4251 or emailing: info@ocme.ucsf.edu.



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San Francisco
Office of Continuing
Medical Education
UCSF Box 0742
San Francisco, CA
94143-0742

COURSE CHAIRS

Paul D. Blanc, MD, MSPH
Professor of Medicine, Endowed Chair and Division Chief, Occupational and Environmental Medicine; UC San Francisco

Robert Kosnik, MD
Associate Clinical Professor, Medical Director, Employee Health Services, Division of Occupational and Environmental Medicine, UC San Francisco

COURSE FACULTY

(University of California, San Francisco, School of Medicine unless otherwise noted)

Lesley J. Anderson, MD
Private Practice, California Pacific Medical Center;
Assistant Clinical Professor Dept of Orthopedic Surgery

John Balmes, MD
Professor of Medicine; Division Chief, Occupational and Environmental Medicine, San Francisco General Hospital

David Claman, MD
Clinical Professor of Medicine; Director, UCSF Sleep Disorders Center

George A. Conway, MD, MPH, AME, CAPT, USPHS (Ret.)
Director, CDC/NIOSH Agriculture, Forestry, and Fishing Program; Director, CDC/NIOSH Alaska Pacific Regional Office

Glinda S. Cooper, PhD
Senior Epidemiologist, United States Environmental Protection Agency

Kenneth Covinsky, MD, MPH
Professor of Medicine; Edmund G. Brown Sr., Distinguished Professorship in Geriatrics

COURSE FACULTY (CONT'D)

Robert Harrison, MD, MPH
Chief, Occupational Health Surveillance, California Department of Public Health; Clinical Professor of Medicine

Bradly Jacobs, MD, MPH
Attending Physician
San Francisco Veterans Affairs Medical Center

Sarah Jewell, MD, MPH
Professor of Medicine, Division of Occupational and Environmental Medicine, San Francisco General Hospital

David H. Kaye, DO, MPH
Medical Director, NASA Ames Health Unit

Patrick R. Laraby, MD, MS, MPH, MBA, CDR, MC, USN
Office of the Assistant Secretary of Defense (Health Affairs) Force Health Protection and Readiness (FHP&R) Chief of Operations-International Health

Scott Levy, MD, MPH
Chief of Occupational Medicine, Permanente Group, San Rafael, CA

Howard Maibach, MD
Professor, Department of Dermatology

Mark Miller, MD, MPH
California Environmental Protection Agency, Office of Environmental Health Hazard Assessment; Director, UCSF

Pediatric Environmental Health Specialty Unit

Robert Nussbaum, MD
Professor and Chief, Division of Medical Genetics

Stephen Popkin, PhD
Director, Human Factors Research and Systems Applications
USDOT | RITA | Volpe Center

COURSE FACULTY (CONT'D)

Patricia Quinlan, CIH, MPH
Industrial Hygienist, Division of Occupational and Environmental Medicine, San Francisco General Hospital

David Ragland, PhD
Director, University of California Traffic Safety Center, Institute of Transportation Studies and School of Public Health, UC Berkeley

Thomas G. Sampson, MD
Medical Director of Total Joint Center, St. Francis Memorial Hospital; Medical Director of Hip Arthroscopy at Post Street Surgery Center, San Francisco, CA

James Seward, MD, MPP
Medical Director, Lawrence Livermore National Laboratory; Clinical Professor of Medicine

Dennis Shusterman, MD, MPH
Occupational Health Branch, California Department of Health Services; Professor of Clinical Medicine Emeritus

Craig Smollin, MD
California State Poison Control, San Francisco Division; Assistant Clinical Professor, Department of Emergency Medicine

Gina Solomon, MD, MPH
Senior Scientist, Natural Resources Defense Council, San Francisco; Associate Clinical Professor, Division of Occupational and Environmental Medicine

Peter Swann, MD, FAAFP
Concentra Medical Centers, SF Bay Area Medical Director

Norman Westhoff, MD, MPH
Senior Aviation Medical Examiner, Center Medical Director, Concentra Potrero Hill



HEALTH AND SAFETY IN TRANSPORTATION WORKERS: AIR, SEA, AND LAND and OCCUPATIONAL AND ENVIRONMENTAL MEDICINE UPDATE

MDM10N01

**Thursday-Saturday, November 12-14, 2009
Holiday Inn Golden Gateway • San Francisco, California**

Mail to : UCSF Office of CME
P.O. Box 45368
San Francisco, CA 94145-0368
Fax: (415) 502-1795

Registration Information: (415) 476-5808
Course Information: (415) 476-4251
Online registration: www.cme.ucsf.edu

Dr. Mr. Mrs. Ms.

Last Name _____ First _____ M.I. _____

Degree _____ Specialty _____

Address _____

City _____ State _____ Zip _____

Daytime Phone _____ Fax _____

Email _____

Address Label Code (see address label: example, A, B, C, D, etc.) _____

Would you like to be on our priority email list? Yes No

Date of birth to be used as OCME registrant number: ____ / ____ / **XX**
Month Day

Please indicate if you have any special needs: _____

REGISTRATION FEES (Receipt/Confirmation will be mailed within two to four weeks):

Full 2 1/2 Day Course Registration - November 12-14, 2009

- \$550** Physicians
- \$500** Allied Health Professionals/Residents/Fellows

You must call or fax if you would like to register for **only** the Transportation Workers or Occupational or Environmental Medicine Updates Sections.

Health and Safety in Transportation Workers: Air, Sea and Land (November 12 only)

8.25 AMA PRA Category 1 Credits™

- \$240** Physicians
- \$200** Allied Health Professionals/Residents/Fellows

Occupational and Environmental Medicine Updates Section (November 13 & 14 only)

12.25 AMA PRA Category 1 Credits™

- \$350** Physicians
- \$300** Allied Health Professionals/Residents/Fellows

Make checks payable to **UC Regents**

Please charge my credit card: Visa MasterCard AmEx for \$ _____

Card # _____ / _____ / _____ Expiration date

Name on Card (Please Print) _____ Authorized Signature _____

Refund Policy: Cancellations received in writing before the first day of the course will be refunded, less a \$75 administrative fee. No refunds will be made on cancellations received after that date.

Please check our website for up-to-date information on the course: www.cme.ucsf.edu

Holiday Inn Golden Gateway Hotel

1500 Van Ness Ave.
San Francisco, CA 94109
(800) 972-3124 toll-free
(415) 441-4000 phone
www.goldengatewayhotel.com

