

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  
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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 Preventive 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)*<sup>™</sup>.

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*<sup>™</sup> 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*<sup>™</sup> 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	<b>Introduction and Orientation</b>	Paul D. Blanc, MD, MSPH
8:10	<b>Railway Workers: Ergonomic and Respiratory Hazards</b>	Stephen Popkin, PhD
9:00	<b>Acute and Chronic Trauma in Transportation Workers: Epidemiology and Prevention</b>	David Ragland, PhD
9:50	<i>Coffee Break</i>	
10:15	<b>Keynote: Occupational Safety and Health of Fishermen and Mariners</b>	George A. Conway, MD, MPH, AME, CAPT, USPHS (Ret.)
11:30	<b>Diving and Hyperbaric Environments</b>	Patrick R. Laraby, MD, MS, MPH, MBA, CDR, MC, USN
12:20 pm	<i>Lunch on Own</i>	
1:30	<b>Keynote: Occupational Safety and Health – The NASA Perspective</b>	David H. Kaye, DO, MPH
2:45	<b>Sleep-Rest Cycles: Implications for Professional Drivers</b>	David Claman, MD
3:30	<i>Coffee Break</i>	
3:45	<b>Cabin Air Quality and Airline Worker Health</b>	Robert Harrison, MD, MPH
4:30	<b>Panel Presentation and Discussion: Special Examinations and Surveillance for Drivers, Pilots, and Other Fitness for Duty</b>	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	<b>Introduction and Orientation</b>	Paul D. Blanc, MD, MSPH
<b>WORK-RELATED ALLERGY</b>		
8:10	<b>The Range of Sensitivity: From Cutaneous Responses to Rhinitis to Asthma</b>	Dennis Shusterman, MD, MPH
9:00	<b>Occupational Exposures to Cleaners and Disinfectants: Allergic vs. Irritant Responses</b>	Howard Maibach, MD
9:50	<i>Coffee Break</i>	
10:15	<b>Keynote: Occupational Asthma Update: Novel Agents and Evolving Concepts</b>	John Balmes MD
11:30	<b>Laboratory Animal Allergy – Nothing to Sneeze At</b>	James Seward, MD, MPP
12:20 pm	<i>Lunch on Own</i>	
<b>WORK-RELATED MUSCULOSKELETAL PROBLEMS</b>		
1:30	<b>Keynote: Occupational Risk Factors for Rheumatic Diseases</b>	Glinda S. Cooper, PhD
2:45	<b>Knee Injury: Return to Work After Surgery Strategies</b>	Lesley J. Anderson, MD
3:30	<i>Coffee Break</i>	
3:45	<b>How Does Hip Arthroscopy and Hip Replacement Affect the Worker?</b>	Thomas G. Sampson, MD
4:30	<b>Alternative and Complementary Therapies for Musculoskeletal Conditions</b>	Bradly Jacobs, MD, MPH
5:15	<b>The Aging Worker: The Intersection of Geriatrics and Occupational Medicine</b>	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	<b>Keynote: Gene-Environment Interactions: Practical Implications from a Clinical Perspective</b>	Robert Nussbaum, MD
9:15	<b>Consumer Products – Issues in Environmental Medicine</b>	Paul D. Blanc, MD, MSPH
10:00	<i>Coffee Break</i>	
10:15	<b>Preparing for Climate Change: Thinking Globally but Acting Locally for a Growing Environmental Health Problem</b>	Gina Solomon, MD, MPH
11:00	<b>Environmental Medicine Grand Rounds: Case-Based Presentations</b>	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](http://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](http://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](http://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](http://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



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

## Upcoming CME Courses

### 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](http://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](mailto:info@ocme.ucsf.edu).

#### 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

faculty



# 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](http://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](http://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](http://www.goldengatewayhotel.com)

