

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



# Occupational and Environmental Medicine Update **and** Construction Industry: Old and Emerging Occupational Hazards

THURSDAY – SATURDAY

March 17-19, 2011



**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, DIH**

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



# Occupational and Environmental Medicine Update and Construction Industry: Old and Emerging Occupational Hazards

March 17-19, 2011

Holiday Inn Golden Gateway Hotel  
San Francisco, CA

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 the health of construction 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

Upon completion of this course, attendees will have:

- Improved medical knowledge derived from research findings, particularly from toxicological and epidemiologic investigations;
- Increased skills to evaluate scientific data in the field of occupational and environmental health;
- Practice application in clinical diagnostic methods and improve treatment options for selected occupational and environmental conditions.

## 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 live activity for a maximum of **19.50 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.

## Pain Management and

**End-of-Life Care** The approved credits shown above include a maximum of 10.25 credits toward meeting the requirement under California Assembly Bill 487, Pain Management and End-of-Life Care.

**Geriatric Medicine:** The approved credits shown above include **6.25** 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):** The California Division of Workers Comp - Medical Unit for Qualified Medical Evaluators has approved this activity for 12 QME credits. The provider number is 1200.

**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.

## CONSTRUCTION INDUSTRY: OLD AND EMERGING OCCUPATIONAL HAZARDS THURSDAY MARCH 17, 2011 • ONE DAY ONLY

7:00 am	<i>Registration and Continental Breakfast</i>	
7:45	<b>Introduction and Orientation</b>	Paul D. Blanc, MD, MSPH
8:00	<b>Keynote: Overview of the Health and Safety Concerns in Construction</b>	Christine M. Branche, PhD
9:10	<b>P Nail Gun and High Pressure Injection Injuries</b>	Hester J. Lipscomb, PhD
10:00	<i>Coffee Break</i>	
10:30	<b>P Good Vibrations NOT: Hand Arm Vibration Syndrome</b>	Linda Morse, MD
11:20	<b>P Ergonomics in Construction</b>	Laura S. Welch, MD
12:10 pm	<i>Lunch on Own</i>	
1:30	<b>Keynote: Construction Hazards – the OSHA Perspective</b>	Paul J. Leary
2:40	<b>Silica Exposure in Construction: New and Old Sources of Exposure</b>	Alan Echt, MPH, CIH
3:30	<i>Coffee Break</i>	
4:00	<b>PG Impulsive and Chronic Noise Exposure in the Construction Trades</b>	OiSaeng Hong, PhD, RN
4:55	<b>P Toxics in the Modern Construction Trades – Familiar and Novel Hazards</b>	Michael Fischman, MD, MPH
5:50 pm	<i>Adjourn</i>	

## OCCUPATIONAL AND ENVIRONMENTAL MEDICINE UPDATE DAY ONE • FRIDAY MARCH 18, 2011

7:00 am	<i>Registration and Continental Breakfast</i>	
7:45	<b>Introduction and Orientation</b>	Paul D. Blanc, MD, MSPH
8:00	<b>P Novel Neurotoxins</b>	Jonathan S. Rutchik, MD, MPH
9:00	<b>PG Suddenly Short of Breath: Vocal Cord Dysfunction, Bronchospasm, or Panic Attack?</b>	Dennis Shusterman, MD, MPH
9:40	<i>Coffee Break</i>	
10:15	<b>Lessons from Workplace Investigations</b>	Robert Harrison, MD, MPH
11:05	<b>P Air Pollution: Population Level Effects and Clinical Implications</b>	John Balmes, MD
11:55	<b>Something Old and Something New: Personal Protection in the 21st Century</b>	Patty Quinlan, MPH, CIH
12:45 pm	<i>Lunch on Own</i>	
2:00	<b>G Occupational and Environmental Agents and Lung Cancer</b>	John Balmes, MD
2:50	<b>What the History of Occupational Disease Teaches Us about the Future</b>	Paul D. Blanc, MD, MSPH
3:40	<i>Coffee Break</i>	
4:10	<b>P Emerging Occupational Ergonomic Problems and Solutions</b>	David Rempel, MD, MPH
5:00	<b>P Update on Occupationally-Related Infectious Disease: Healthcare Workers, Lab Technicians and Others</b>	Robert Kosnik, MD, DIH
5:40 pm	<i>Adjourn</i>	

**P** – Pain Credit

**G** – Geriatric Credit

**OCCUPATIONAL AND ENVIRONMENTAL MEDICINE UPDATES**  
**DAY TWO • SATURDAY MARCH 19, 2011**

7:30 am Breakfast

**TOPICS IN ENVIRONMENTAL MEDICINE**

8:00	<b>G</b>	<b>Biomass Smoke Exposure and Related Disease</b>	Michael Bates, PhD
9:00	<b>G</b>	<b>Toxic Contamination of Drinking Water: More Important than Microbes</b>	Craig Steinmaus, MD, MPH
10:00		Coffee Break	
10:20	<b>PG</b>	<b>The Gulf Oil Spill Aftermath: Occupational Health and Environmental Impacts</b>	Gina Solomon, MD, MPH
11:10	<b>PG</b>	<b>Getting the Drift: Bystander and Other Non-Occupational Pesticide Illness</b>	Soo-Jeong Lee, PhD, RN, ANP
12:00		<b>Mercury: New Sources of an Old Toxin</b>	Panel: Rupali Das, MD, MPH Mark Miller, MD, MPH Craig Smollin, MD
12:50 pm		Adjourn/Evaluations/Attendance Verification Forms	

**P** – Pain Credit

**G** – Geriatric Credit

**GENERAL INFORMATION**

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

**HOW TO ENROLL**

Tuition: **\$600** Physicians  
**\$550** 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.

**Construction Industry: Old and Emerging Occupational Hazards (March 17)**

7.5 AMA PRA Category 1 Credits™

**\$260** Physicians  
**\$240** Allied Health Professionals/  
Residents/Fellows

**Occupational Medicine Section Only (March 18 & 19)**

12 AMA PRA Category 1 Credits™

**\$375** Physicians  
**\$350** 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: 7:00 am- 8:00 am

Date: Thursday, March 17 & Friday March 18

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 San Francisco, just steps away from the historic California Cable Car turnaround. The 26-story, 499 room hotel offers fantastic city views. 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 **\$119.00**. You are urged to make your reservations early. The cut off date is Friday, February 25, 2011 or until the group room block is filled.

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 # 03BW0130, 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 fares, ticketed passengers may take advantage of the 24 hour emergency service. There is a \$40 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: 1310SS  
United (800) 521-4041 code: 510CF

**CONSTRUCTION INDUSTRY: OLD AND EMERGING  
OCCUPATIONAL HAZARDS and OCCUPATIONAL AND  
ENVIRONMENTAL MEDICINE UPDATE**

MDM11N01

**Thursday-Saturday, March 17-19, 2011**

**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 - March 17-19, 2011**

- \$600 Physicians
- \$550 Allied Health Professionals/Residents/Fellows

You must call or fax if you would like to register for **only** the Respiratory or Occupational Medicine Sections.

**Construction Industry: Old and Emerging Occupational Hazards (March 17)**

7.5 AMA PRA Category 1 Credits™

- \$260 Physicians
- \$240 Allied Health Professionals/Residents/Fellows

**Occupational Medicine Section Only (March 18 & 19)**

12 AMA PRA Category 1 Credits™

- \$375 Physicians
- \$350 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)



## COURSE CHAIRS

**Paul D. Blanc, MD, MSPH**  
Professor of Medicine, Endowed  
Chair and Division Chief,  
Occupational and Environmental  
Medicine, UCSF

**Robert Kosnik, MD, DIH**  
Associate Clinical Professor, and  
Medical Director, UCSF  
Occupational Health Services,  
Division of Occupational and  
Environmental Medicine, UCSF

## COURSE FACULTY

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

**John Balmes, MD**  
Professor of Medicine, SFGH  
Division Chief, Occupational and  
Environmental Medicine, UCSF;  
Director, Northern California COEH

**Michael Bates, PhD**  
Adjunct Professor of Epidemiology  
Sciences, School of Public Health,  
UC Berkeley

**Christine M. Branche, PhD**  
Principal Associate Director and  
Acting Director, Office of  
Construction Safety and Health,  
National Institute for Occupational  
Safety and Health (NIOSH)

**Rupali Das, MD, MPH, Chief\***  
Exposure Assessment Section,  
Environmental Health Investigations  
Branch, California Department of  
Public Health

**Alan Echt, MPH, CIH**  
Engineering and Physical Hazards  
Branch, Division of Applied  
Research and Technology  
National Institute for Occupational  
Safety and Health (NIOSH)

## COURSE FACULTY (CONT'D)

**Michael Fischman, MD, MPH\***  
Fischman Occupational &  
Environmental Medical Group,  
Walnut Creek, CA

**Laura S. Welch, MD**  
Medical Director  
CPWR - The Center for  
Construction Research and Training

**Robert Harrison, MD, MPH**  
Occupational Health Branch,  
California Department of Public  
Health; Clinical Professor of  
Medicine, Division of Occupational  
and Environmental Medicine, UCSF

**OiSaeng Hong, PhD, RN**  
Professor, Director of Occupational  
and Environmental Health  
Nursing Program,  
School of Nursing, UCSF

**Soo-Jeong Lee, PhD, RN, ANP**  
Assistant Professor, Department of  
Community Health Systems, School  
of Nursing, UCSF

**Hester J. Lipscomb, PhD**  
Professor  
Division of Occupational and  
Environmental Medicine  
Duke University

**Mark Miller MD, MPH\***  
Office of Environmental Health  
Hazard Assessment, California  
Environmental Protection Agency;  
Director, UCSF Pediatric  
Environmental Health Specialty Unit

**Linda Morse, MD\***  
Clinical Proctor, Kaiser Permanente,  
Kaiser Permanente Health Plan

## COURSE FACULTY (CONT'D)

**Patty Quinlan, MPH, CIH**  
Industrial Hygienist  
SFGH Division of Occupational  
and Environmental Medicine

**Jonathan S Rutchik, MD, MPH\***  
Neurology, Environmental and  
Occupational Medicine Associates,  
Mill Valley, CA

**David Rempel, MD, MPH**  
Professor of Medicine, SFGH  
Division of Occupational and  
Environmental Medicine, UCSF

**Dennis Shusterman, MD, MPH\***  
Occupational Health Branch,  
California Department of  
Public Health

**Craig Smollin, MD**  
Assistant Medical Director,  
California Poison Control Center,  
San Francisco Division and  
Assistant Clinical Professor of  
Emergency Medicine, UCSF

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

**Craig Steinmaus, MD, MPH\***  
Office of Environmental Health  
Hazard Assessment, California  
Environmental Protection Agency

\* Also clinical medicine faculty member,  
Occupational and Environmental  
Medicine, UCSF

faculty