

# Occupational and Environmental Respiratory Disease *and* Updates in Occupational and Environmental Medicine

HOLIDAY INN FISHERMAN'S WHARF • SAN FRANCISCO, CA

March 9 - 11, 2017  
THURSDAY – SATURDAY



## 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**

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

**Timur Durrani, MD, MPH, MBA**

Assistant Medical Director, San Francisco Division,  
California Poison Control System; Assistant Clinical Professor of Medicine  
University of California, San Francisco

*Mural by Bernard Zakheim, c. 1930, UCSF Toland Hall*

**ADDED EVENT WEDNESDAY, MARCH 8**

Evening Scientific Poster Session and Opening Reception – Call for Abstracts to Follow

# Occupational and Environmental Respiratory Disease and Updates in Occupational and Environmental Medicine

MARCH 9-11, 2017 and MARCH 8, 2017 Evening Poster Session

This course is presented by the Division of Occupational and Environmental Medicine in the Department of Medicine at the University of California, San Francisco. It is designed to provide occupational and environmental health professionals and persons from other health-related disciplines with a review and update of current topics in occupational and environmental medicine. The first day of the curriculum will focus on Occupational and Environmental Respiratory Disease. A poster session the evening before will supplement the Respiratory Disease course content. The second day and final half-day of the course will cover a multi-topic theme: Updates in Occupational and Environmental Health.

This course is approved for American Board of Preventive Medicine Maintenance of Certification self-assessment credit and is a comprehensive update for occupational medicine specialists. California Qualified Medical Examiner credit approval is anticipated.

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, as well as physician's assistants and industrial hygienists.

## OBJECTIVES

An attendee completing this course will be able to:

- Improve their understanding of the role of inhalational exposures in occupational and environmental health practice;
- Adopt new medical knowledge into preventive activities addressing emerging risk factors and new diseases entities, in particular for respiratory conditions;
- Evaluate scientific data in the field of occupational and environmental medicine;
- Expand the differential diagnosis to incorporate a wider range of environmental and occupational factors in respiratory disease processes and in other work-related conditions;
- Improve their diagnostic methods and treatment recommendations for selected occupational and environmental conditions, emphasizing but not limited to lung processes;
- Improve their management in terms of required regulatory management of specific work-related scenarios;
- Inform the prioritization of clinical care, research, and public health policy with state-of- the-art updates.

## 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 **19.25 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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 **5.00** 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 **4.50** credits toward meeting the requirement under California Assembly Bill 1820, Geriatric Medicine.

**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 AOACME, prescribed credit from AAFP, and **AMA PRA Category 1 Credit™** from organizations accredited by the ACCME.

**American Board of Preventive Medicine:** The American Board of Preventive Medicine has approved this course for a maximum of **19.00 MOC Part II credits**.

**California Division of Workers Compensation – Medical Unit (QME Credit):** The California Division of Workers Compensation – Medical Unit for Qualified Medical Evaluator credit has been filed and is awaiting approval for a maximum of **19.25 credits**.

### **Family Physicians:**

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

# Occupational and Environmental Research and Updates in Occupational and Environmental Respiratory Disease

**WEDNESDAY, MARCH 8, 2017**

6:30-8:00 pm Evening Scientific Poster Session and Opening Reception

**THURSDAY, MARCH 9, 2017**

7:00 am *Registration and Continental Breakfast*

## OCCUPATIONAL AND ENVIRONMENTAL RESPIRATORY DISEASE

7:45 am	<b>Introductions</b>	Course Leaders
8:00 am	<b>Ambient Air Pollution and Health: Epidemiologic Bench to Bedside</b>	John Balmes, MD
8:50	<b>Upper Airway Responses to Occupational and Environmental Exposures</b>	Dennis Shusterman, MD
9:40	<i>Coffee Break</i>	
10:10 <b>G</b>	<b>Occupation and Pneumonia</b>	Kjell Torén, MD
11:00	<b>Occupational COPD and Chronic Bronchitis</b>	Paul Blanc, MD, MSPH
11:50	<i>Lunch on your own</i>	
1:20 pm	<b>Work-related Interstitial Lung Disease: Beyond Pneumoconiosis</b>	Carl Reynolds, MD
2:10	<b>Work-related Asthma – New Onset and Exacerbation</b>	Robert Harrison, MD, MPH
3:00 <b>P</b>	<b>Lung Transplantation: Occupational and Environmental Aspects</b>	Jonathan Singer, MD
3:50	<i>Coffee Break</i>	
4:10	<b>Silica Exposure, Disease, and Prevention: Old and New</b>	Robert Cohen, MD
5:00 <b>P</b>	<b>Respiratory Hazards of Military Service</b>	Mehrdad Arjomandi, MD
5:50	<b>CLOSING PANEL: What's Old and What's New in Occupational Respiratory Disease</b>	Paul Blanc, MD, MSPH • John Balmes, MD • Robert Cohen, MD
6:30 pm	<i>Adjourn</i>	

**FRIDAY, MARCH 10, 2017 • DAY ONE**

7:30 am *Registration and Continental Breakfast*

## UPDATES IN OCCUPATIONAL AND ENVIRONMENTAL HEALTH

7:50	<b>Introductions</b>	
8:10	<b>Diving and Other Hyperbaric Hazards</b>	Jeffrey H. McClellen, CAPT, MC, USN
9:00 <b>GP</b>	<b>Ultraviolet Radiation Exposure in Work and Life</b>	Giorgia Garrett, MD
9:50	<i>Coffee Break</i>	
10:20 <b>G</b>	<b>Insights on Work-related Neurodegenerative Disease</b>	Samuel Goldman, MD, MPH
11:10	<b>What's New in Hazardous Technologies and Exposures?</b>	Gina Solomon, MD, MPH
12:00 pm	<i>Lunch on your own</i>	
1:30 <b>G</b>	<b>KEYNOTE: Occupationally-associated Male Genitourinary Conditions</b>	Bruce Bernard, MD, MPH
2:30 <b>P</b>	<b>Opiates and Chronic Pain Management in Occupational Health Practice</b>	Roman Kownacki, MD, MPH
3:20	<i>Coffee Break</i>	
3:40	<b>To Sit or Stand: What Is Good for the Heart?</b>	David Rempel, MD
4:30 <b>P</b>	<b>Thinking About Vulnerable Workers</b>	Stephen McCurdy, MD, MPH
5:20	<b>The Skinny on Work: Obesity on the Job</b>	Julia Buss, DNS
6:10 pm	<i>Adjourn</i>	

## SATURDAY, MARCH 11, 2017 • DAY TWO

7:45 am *Continental Breakfast*

### UPDATES IN OCCUPATIONAL AND ENVIRONMENTAL HEALTH

8:15	<b>Introductions</b>	Course Leaders
8:30	<b>G</b> <b>Manganese Toxicity: Recent Research Advances</b>	Roberto Lucchini, MD
9:20	<b>Weightless Environments and Health</b>	Marlene Grenon, MD
10:10	<i>Coffee Break</i>	
10:30	<b>Agricultural Workers' at Risk</b>	Marc Schenker, MD
11:20	<b>P</b> <b>The Neck and Upper Extremities: Ergonomics 101</b>	Carisa Adamson-Harris, PhD
12:10 pm	<b>CLOSING PANEL: Occupational and Environmental Health in 2017</b> Bruce Bernard, MD, MPH • Samuel Goldman, MD, MPH • Carisa Harris-Adamson, PhD	
12:40 pm	<i>Adjourn</i>	

**P** – Pain Credit    **G** – Geriatric Credit

### GENERAL INFORMATION

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

**Date:** March 9-11, 2017

(March 8, 2017 Poster Session)

**Location:** Holiday Inn Fisherman's Wharf,  
1300 Columbus Avenue, San Francisco, CA 94133  
(800) 942-7348

#### Fees:

**Full Course \$725** – Physicians

\$625 – Allied Health Professionals  
\$525 – Residents/Fellows

Current graduate trainees should inquire regarding special registration options.

If you would like to register for only the **Toxic Substances in the Workplace** or **Updates in Occupational Health and Environmental Medicine**, see information on individual sections below:

#### Occupational and Environmental Respiratory Disease (March 9)

8.00 AMA PRA Category 1 Credits™

\$325 – Physicians  
\$275 – Allied Health Professionals  
\$225 – Residents/Fellows

#### Updates in Occupational Medicine

Section Only (Two Days – March 10-11)

10.00 AMA PRA Category 1 Credits™

\$425 – Physicians  
\$375 – Allied Health Professionals  
\$325 – Residents/Fellows

### REGISTER VIA

Online: [tinyurl.com/MDM17N01](http://tinyurl.com/MDM17N01)

Mail: Complete course registration form and send with payment to:

UCSF Office of  
Continuing Medical Education  
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.

**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

Enjoy San Francisco's renowned attractions such as the historic cable cars, shopping in Union Square, or visit San Francisco's culinary hub at the Ferry Building. The course will take place at the hotel, just steps from San Francisco Fisherman's Wharf and a short walk to Pier 39 attractions. A block of guestrooms has been reserved at the special UCSF conference rate of **\$205/night**. You are urged to make your reservations early.

The cut-off date is **February 15, 2017**, or until the group room block is filled. After this date, rooms will be provided on a space-available basis only. To make hotel reservations please call 1(800) 942-7348 and identify yourself as a member of this UCSF conference to receive the special rate. You can also reserve your hotel rooms on-line by visiting the course webpage on our website at [tinyurl.com/MDM17N01](http://tinyurl.com/MDM17N01)

Please click on the reservations link in the Travel & Lodging section (online booking code: OEM). By staying at the host hotel, you help UCSF meet its contractual obligations and keep registration fees reasonable.

### AIR TRANSPORTATION

UCSF has negotiated special fares with United Airlines for our course attendees. You can find information regarding our group code on our course website on [tinyurl.com/MDM17N01](http://tinyurl.com/MDM17N01)



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For more information or to register online visit our  
website at [cme.ucsf.edu](http://cme.ucsf.edu)  
You may also reach us by calling the Office of CME  
at (415) 476-4251 or email [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  
University of California, San Francisco  
**Robert Kosnik, MD, DH**  
Professor of Medicine,  
Medical Director,  
Occupational Health Services,  
Division of Occupational and  
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University of California, San Francisco  
**Timur Durrani, MD, MPH, MBA**  
Assistant Professor of Medicine  
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University of California, San Francisco

#### COURSE FACULTY

**Carisa Adamson-Harris, PhD**  
Assistant Professor of Medicine  
University of California, San Francisco  
**Mehrdad Arjomandi, MD**  
Associate Professor of Medicine  
University of California, San Francisco  
**John Balmes, MD**  
Professor of Medicine  
University of California, San Francisco  
**Bruce Bernard, MD, MPH**  
Captain, USPHS; Chief Medical Officer  
Health Hazard Evaluations and  
Technical Assistance NIOSH, CDC  
Cincinnati, Ohio

#### COURSE FACULTY (CONT'D)

**Julia Buss, RN, PhD**  
Deputy Director, COEH  
Director, COEH Continuing Education  
University of California, Berkeley  
**Robert A. Cohen, MD**  
Professor of Medicine  
Northwestern University, Feinberg  
School of Medicine, Chicago, IL  
**Giorgia Garrett, MD**  
Physician, Kaiser Permanente  
San Francisco  
**Samuel Goldman, MD, MPH**  
Associate Professor of Neurology  
University of California, San Francisco  
**Marlene Grenon, MD, CM**  
Associate Professor of Surgery  
Division of Vascular and Endovascular  
Surgery, University of California,  
San Francisco  
**Robert Harrison, MD, MPH**  
Clinical Professor of Medicine,  
University of California, San Francisco;  
Public Health Medical Officer,  
California Department of Public Health  
**Roman Kownacki, MD, MPH**  
Regional Medical Director for  
Occupational Health,  
The Permanente Medical Group, Inc.  
Oakland, CA  
**Roberto Lucchini, MD**  
Director of the Division of  
Occupational Medicine;  
Professor of Medicine  
Icahn School of Medicine at  
Mount Sinai  
New York, NY

#### COURSE FACULTY (CONT'D)

**Jeffrey H. McClellan, CAPT, MC, USN**  
Branch Head, Undersea  
Medicine/Radiation Health (M95)  
Undersea Medicine Specialty Leader  
United States Navy  
Falls Church, VA  
**Stephen A. McCurdy, MD, MPH**  
Director, UC Davis Master of  
Public Health (MPH) Program  
Vice Chair and Professor  
Department of Public Health  
**David Rempel, MD, MPH**  
Professor of Medicine  
University of California, San Francisco  
**Carl J. Reynolds, MD**  
Honorary Clinical Research Fellow  
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United Kingdom  
**Marc B. Schenker, MD, MPH**  
Distinguished Professor,  
Division of Epidemiology,  
Division of Environmental and  
Occupational Health  
University of California, Davis  
**Dennis Shusterman, MD MPH**  
Professor Emeritus of Clinical  
Medicine, University of California,  
San Francisco; Public Health Medical  
Officer, California Department of  
Public Health (Retired)  
**Jonathan Singer, MD**  
Assistant Professor of Medicine  
University of California, San Francisco  
**Gina Solomon, MD, MPH**  
Clinical Professor of Medicine  
University of California, San Francisco  
**Kjell Torén, MD**  
Professor and Chief Physician  
University of Gothenburg  
Gothenburg, Sweden

faculty

## COURSE REGISTRATION FORM

MDM17N01

## Occupational and Environmental Respiratory Disease and

## Updates in Occupational and Environmental Medicine

March 9-11, 2017 • Holiday Inn Fisherman's Wharf

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

Online registration: [tinyurl.com/MDM17N01](http://tinyurl.com/MDM17N01)  
 Registration Information: (415) 476-5808  
 Course Information: (415) 476-4251

Dr.  Ms.  Mr.  Mrs.

Last Name \_\_\_\_\_ First \_\_\_\_\_ M.I. \_\_\_\_\_

Degree \_\_\_\_\_ Specialty \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Daytime Phone \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_

**Address Label Code Letter (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: \_\_\_\_\_

## Full Course Registration Fees

\$725 Physicians  \$625 Allied Health Professionals  \$525 Residents/Fellow/Trainee

## INDIVIDUAL SECTIONS:

Occupational and Environmental Respiratory Disease **Only** (March 9, 2017) **Updates in Occupational and Environmental Medicine Only** (March 10-11, 2017)  
**8 AMA PRA Category 1 Credits™** **10 AMA PRA Category 1 Credits™**

\$350 Physicians  \$425 Physicians  
 \$300 Allied Health Professionals  \$375 Allied Health Professionals  
 \$250 Residents/Fellows/Trainee  \$325 Residents/Fellows/Trainee

Check enclosed payable to *UC Regents*

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

Card # \_\_\_\_\_ Expiration date \_\_\_\_\_ / \_\_\_\_\_

Name on Card (Please Print) \_\_\_\_\_ Authorized Signature \_\_\_\_\_

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[www.hifishermanswharf.com](http://www.hifishermanswharf.com)

