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

HOLIDAY INN FISHERMAN’S WHARF • SAN FRANCISCO, CA

THURSDAY – SATURDAY
March 9–11, 2017

ADDED EVENT
WEDNESDAY, MARCH 8
Evening Scientific Poster Session and Opening Reception – Call for Abstracts to Follow

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

Mural by Bernard Zakheim, c.1930, UCSF Toland Hall
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 AOACCME, 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.
### 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

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

#### 5:50  
**CLOSING PANEL: What's Old and What's New in Occupational Respiratory Disease**
Paul Blanc, MD, MSPH • John Balmes, MD • Robert Cohen, MD

| 6:30 pm | Adjourn                                                                 |                                              |

### FRIDAY, MARCH 10, 2017 • DAY ONE

#### 7:30 am  
**Registration and Continental Breakfast**

#### UPDATES IN OCCUPATIONAL AND ENVIRONMENTAL HEALTH

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

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

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

(February 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

**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. 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.

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### SATURDAY, MARCH 11, 2017 • DAY TWO

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:45 am</td>
<td>Continental Breakfast</td>
</tr>
<tr>
<td>8:15</td>
<td>Introductions</td>
</tr>
<tr>
<td>8:30</td>
<td>G Manganese Toxicity: Recent Research</td>
</tr>
<tr>
<td>8:20</td>
<td>Advances</td>
</tr>
<tr>
<td>9:20</td>
<td>Weightless Environments and Health</td>
</tr>
<tr>
<td>10:10</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>10:30</td>
<td>Agricultural Workers’ at Risk</td>
</tr>
<tr>
<td>11:20</td>
<td>P The Neck and Upper Extremities: Ergonomics 101</td>
</tr>
<tr>
<td>12:10 pm</td>
<td>CLOSING PANEL: Occupational and Environmental Health in 2017</td>
</tr>
<tr>
<td>12:40 pm</td>
<td>Adjourn</td>
</tr>
</tbody>
</table>

**P** – Pain Credit  **G** – Geriatric Credit
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Division Chief, Occupational and
Environmental Medicine
University of California, San Francisco
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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
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 Luchini, 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. McClellen, 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
Imperial College, London
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
University of California, Davis
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
COURSE REGISTRATION FORM

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
PO. Box 45368
San Francisco, CA 94145-0368
Fax: (415) 502-1795

Online registration: 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: ___ / ___ / X X

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)
ASM PRA Category 1 Credits

☐ $350 Physicians
☐ $300 Allied Health Professionals
☐ $250 Residents/Fellow/Trainee

Updates in Occupational and Environmental Medicine Only (March 10-11, 2017)
10 AMA PRA Category 1 Credits

☐ $425 Physicians
☐ $375 Allied Health Professionals
☐ $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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Please check our website for up-to-date information on the course: tinyurl.com/MDM17N01

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San Francisco, CA 94133
(800) 942-7348 toll-free
(415) 771-7006 phone
www.hifishermanswharf.com