

THURSDAY SATURDAY

March 8-10, 2018

HOLIDAY INN FISHERMAN'S WHARF • SAN FRANCISCO, CA



*Shipyards During the War* mural by Anton Refregier,  
c. 1938, Rincon Center lobby, SF (© 2017 JFookes)

**ADDED EVENT WEDNESDAY, MARCH 7**

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

# Emerging and Re-Emerging Occupational and Environmental Exposure and Disease and Updates in Occupational and Environmental Medicine

MARCH 8 10, 2018 and MARCH 7, 2018 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 Emerging and Re-Emerging Occupational and Environmental Exposure and Disease. A poster session the evening before will supplement the Environmental Exposure and 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 assistants and industrial hygienists.

## OBJECTIVES

An attendee completing this course will be able to:

- Describe the role of emerging and re-emerging exposures in occupational and environmental health practice;
- Adopt new medical knowledge into preventive activities addressing emerging risk factors and new diseases entities;
- 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 disease processes;
- Improve diagnosis & treatment for selected occupational and environmental conditions;
- Improve management in terms of required regulatory management of specific work-related scenarios;
- Inform the prioritization of clinical care, research, and public health policy.

## 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 **18.50 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.

### **Geriatric Medicine:**

The approved credits shown above include **3.50** 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.

### **Pain Management and End-of-Life Care:**

The approved credits shown above include a maximum of **3.25** credits toward meeting the requirement under California Assembly Bill 487, Pain Management and End-of-Life Care.

**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 **18.50 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 **18.50** credits.

### **Family Physicians:**

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

# Emerging and Re-Emerging Occupational Disease and Updates in Occupational and Environmental Health

## WEDNESDAY, MARCH 7, 2018

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

## THURSDAY, MARCH 8, 2018

7:00 am *Registration and Continental Breakfast*

### EMERGING AND RE-EMERGING OCCUPATIONAL AND ENVIRONMENTAL EXPOSURE AND DISEASE

7:45	<b>Introduction and Overview</b>	Course Leaders
8:00	<b>The World History of Silicosis: What It Teaches Us about Emerging and Re-emerging Occupational Disease</b>	Paul-André Rosental, PhD
8:50 G	<b>Chronic Kidney Disease of Unknown Etiology: A New Occupational / Environmental Disease?</b>	Rebecca L. Laws, PhD, MPH
9:40	<i>Coffee Break</i>	
10:10	<b>Novel and Persistent Occupational Hazards: Are We Making Gains? Insights from NIOSH's Health Hazard Evaluation Program</b>	Bruce P. Bernard, MD, MPH
11:00	<b>Emerging Laboratory Safety and Health Issues</b>	Diane Liu, MD, MPH
11:50	<i>Lunch on own</i>	
1:20pm	<b>Novel Toxicants in the Environment – Cases from Poison Control</b>	Craig Smollin, MD
2:10 P	<b>Emerging Occupational and Environmental Hazards Associated with Large Scale Marijuana Production</b>	Mourad W. Gabriel, MS, PhD Robert H. Poppenga, DVM, PhD, DABVT
3:00	<b>Occupational and Environmental Lung Disease – Something Old, Something New, Something Unbreakable, and Something Blue</b>	Robert Cohen, MD, FCCP
3:50	<i>Coffee Break</i>	
4:10 P	<b>Ergonomics in the 21st Century: New Solutions for Old Problems</b>	Carisa Harris-Adamson, PhD, CPE, PT
5:00	<b>Key Publications in Occupational and Environmental Health: The Year in Review</b>	Samuel Goldman, MD, MPH
5:50	<b>Closing Panel – What Experience May Teach Us about Coming Trends in Occupational and Environmental Illness</b>	Bruce P. Bernard, MD, MPH Robert Cohen, MD, FCCP Carisa Harris-Adamson, PhD, CPE, PT Paul-André Rosental, PhD
6:30 pm	<i>Adjourn</i>	

## FRIDAY, MARCH 9, 2018 • DAY ONE

7:00 am *Registration and Continental Breakfast*

### UPDATES IN OCCUPATIONAL AND ENVIRONMENTAL HEALTH • DAY 1

7:50	<b>Introduction and Overview</b>	Course Leaders
8:10	<b>Occupation and Allergy – The Basics and Not So Basics</b>	Joanna Szram, MD
9:00	<b>Zika, Chikungunya, Dengue, and the Work-related Traveler</b>	George Rutherford III, MD
9:50 P	<b>Integrative Medicine and Occupational Health</b>	Kimberly Washington, MD, DC
10:40	<i>Coffee Break</i>	
11:00	<b>Emergency Preparedness in the Workplace</b>	Jacob M. McCarty, MPH, MPA
11:50	<i>Lunch on own</i>	
1:20 pm	<b>Adverse Health Effects of Occupational and Environmental Radiation: Past, Present, and Future</b>	James Seward, MD, MPH
2:10	<b>TB Surveillance in the Workplace: Pitfalls of Screening Low Risk Workers</b>	Thomas Gamsky, MD, MPH
3:00	<i>Coffee Break</i>	
3:20	<b>Toxicant and Infectious Liver Disease: Work-related Considerations</b>	Robert Harrison, MD, MPH
4:10	<b>The Visual and Literary Arts in Occupational and Environmental Medicine</b>	Paul Blanc, MD, MSPH
5:00 pm	<i>Adjourn</i>	

# and Environmental Exposure Environmental Health

Holiday Inn Fisherman's Wharf

**SATURDAY, MARCH 11, 2018 • DAY TWO**

7:45 am *Continental Breakfast*

## UPDATES IN OCCUPATIONAL AND ENVIRONMENTAL HEALTH • DAY 2

8:15	Introduction and Overview		Course Leaders
8:30	<b>G</b>	Health Care Workers and the Disruptive Patient	Michael Drexler, PhD, CPRP
9:20	<b>G</b>	Obstructive Sleep Apnea on the Job: a Two-Way Street	David Claman, MD Daniel A. Schwartz, MS
10:30	<b>PG</b>	Rethinking Adverse Noise Effects and Interactions with Other Exposures	Dimitri Palilis, AuD
11:20	<b>Closing Panel</b>		Samuel Goldman, MD, MPH Robert Harrison, MD, MPH Robert Kosnik, MD, DIH Joanna Szram, MD, PhD
12:00 noon	<i>Adjourn</i>		

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



### GENERAL INFORMATION

Advance registration closes one (1) business day prior to start of course.

**Date:** March 8-10, 2018  
(March 7, 2018 Poster Session)

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

**Fees:**  
**Full Course \$745** – Physicians  
\$645 – Allied Health Professionals  
\$525 – Residents/Fellows

Current graduate trainees should inquire regarding special registration options.

If you would like to register for only the **Emerging and Re-Emerging Occupational and Environmental Exposure and Disease**, see information on individual sections below:

**Emerging and Re-Emerging Occupational and Environmental Exposure and Disease (March 8)**  
8.25 AMA PRA Category 1 Credits™

\$375 – Physicians  
\$325 – Allied Health Professionals  
\$250 – Residents/Fellows

### Updates in Occupational Medicine

#### Section Only (Two Days – March 9-10)

10.25 AMA PRA Category 1 Credits™

\$450 – Physicians  
\$400 – Allied Health Professionals  
\$325 – Residents/Fellows

### REGISTER VIA

**Online:** [cme.ucsf.edu](http://cme.ucsf.edu)

**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 **Holiday Inn Fisherman's Wharf**, 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, 2018**, 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 on-line, go to [cme.ucsf.edu](http://cme.ucsf.edu) and click on the hotel link in the Travel & Lodging section of the course webpage.

If you prefer to telephone in your reservation, call **800-942-7348** please 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.*

### AIR TRANSPORTATION

UCSF has negotiated special fares with airlines and car rental agencies. Please visit the TRAVEL AND LODGING section on the course webpage at [cme.ucsf.edu](http://cme.ucsf.edu) for more information and discount codes.



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94143-0742

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

##### **Samuel M. Goldman, MD, MPH**

Associate Professor of Medicine  
and of Neurology  
Division of Occupational and  
Environmental Health  
University of California, San Francisco

##### **Robert Kosnik, MD, DH**

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

#### COURSE FACULTY

##### **Bruce P. Bernard, MD, MPH**

Captain, United States Public Health  
Service; Chief Medical Officer, Health  
Hazard Evaluations and Technical  
Assistance; Centers for Disease  
Control and Prevention  
National Institute for Occupational  
Safety and Health  
Cincinnati, Ohio

##### **David Claman, MD**

Professor of Medicine  
Director, UCSF Sleep Disorders  
Center; UCSF Pulmonary and  
Critical Care Medicine  
University of California, San Francisco

##### **Robert A. Cohen, MD, FCCP**

Director Occupational Lung  
Disease, Northwestern University  
Feinberg School of Medicine  
Chicago, IL

##### **Michael Drexler, PhD, CPRP**

Associate Professor of Psychiatry  
Director of Telemental Health  
Coordinator, SFVAHCS Workplace  
Violence Prevention Program  
University of California, San Francisco

#### COURSE FACULTY (CONT'D)

##### **Mourad W. Gabriel, MS, PhD**

Executive Director, Integral Ecology  
Research Center, Blue Lake, CA  
Research Associate Faculty  
Wildlife Health Center  
University of California, Davis

##### **Thomas E. Gamsky, MD, MPH**

Medical Director  
Vista Oaks Occupational Medicine  
Contra Costa County Public Health  
Department, Martinez, CA

##### **Carisa Harris Adamson, PhD, CPE, PT**

Assistant Professor of Occupational  
& Environmental Medicine  
Director, UC Ergonomics Research  
& Graduate Training Program  
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

##### **Rebecca Laws, PhD, MPH**

Epidemic Intelligence Service Officer  
Centers for Disease Control  
and Prevention; California  
Department of Public Health,  
Division of Environmental and  
Occupational Disease Control  
Richmond, CA

##### **Diane Liu, MD, MPH**

Chief, Occupational Health  
University Health Services  
University of California, Berkeley

##### **Jacob M. McCarty, MPA, MPH**

President & COO, Innovations  
Health Systems  
Sacramento, CA

##### **Dimitri Palilis, AuD**

Audiologist  
MedEvals of California, PC  
Concord, CA

#### COURSE FACULTY (CONT'D)

##### **Robert H. Poppenga, DVM, PhD, DABVT**

California Animal Health and Food  
Safety Laboratory System, Toxicology  
School of Veterinary Medicine  
University of California, Davis

##### **Paul-André Rosenthal, PhD**

Professor, Centre d'Études  
Européennes; Science Po  
Paris, France

##### **George W. Rutherford III, MD, AM**

Salvatore Pablo Lucia Professor of  
Epidemiology, Preventive Medicine,  
Pediatrics and History; Head, Division  
of Infectious Disease Epidemiology;  
Vice Chair, Department of  
Epidemiology and Biostatistics,  
University of California, San Francisco

##### **Daniel A. Schwartz, MS**

Medical Student  
University of California San Francisco

##### **James Seward, MD, MPP**

Clinical Professor of Medicine  
University of California, San Francisco

##### **Craig Smollin, MD, FACMT**

Associate Professor of Clinical  
Medicine, Department of  
Emergency Medicine,  
University of California San Francisco  
Medical Director, California Poison  
Control System, San Francisco  
Division

##### **Joanna B. Szram, MD, PhD**

Consultant Respiratory Physician  
Occupational and Environmental  
Medicine, Royal Brompton and  
Harefield NHS Foundation Trust  
Honorary Senior Clinical Lecturer  
National Heart and Lung Institute  
Imperial College  
London, UK

##### **Kimberly Washington, MD, DC**

Assistant Professor  
Osher Center for Integrative Medicine  
University of California, San Francisco

## COURSE REGISTRATION FORM

MDM18N01

**Emerging and Re-Emerging Occupational and Environmental Exposure  
and Disease and Updates in Occupational and Environmental Medicine**  
March 8-10, 2018 • Holiday Inn Fisherman's Wharf • San Francisco

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

Online registration: [cme.ucsf.edu](http://cme.ucsf.edu)  
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	Cell Phone	

**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**  
Month Day

Please indicate if you have any special needs: \_\_\_\_\_

**Full Course Registration Fees**

\$745 Physicians  \$645 Allied Health Professionals  \$525 Residents/Fellow/Trainee

**INDIVIDUAL SECTIONS:**

**Emerging and Re-Emerging Occupational and Environmental Exposure and Disease Only**  
(March 8, 2018)

**8.25 AMA PRA Category 1 Credits™**

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

**Updates in Occupational and Environmental Medicine Only** (March 9-10, 2018)

**10.25 AMA PRA Category 1 Credits™**

\$450 Physicians  
 \$400 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

**Refund Policy:** Cancellations received in writing before the first business 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: [cme.ucsf.edu](http://cme.ucsf.edu)

**Holiday Inn Fisherman's Wharf**  
1300 Columbus Ave.  
San Francisco, CA 94133  
(800) 942-7348 toll-free  
(415) 771-7006 phone  
[www.hifishermanswharf.com](http://www.hifishermanswharf.com)

