Being an Occupational and Environmental Health “Detective” and Updates in Occupational and Environmental Medicine

San Francisco Marriott Fisherman’s Wharf
San Francisco, CA

THURSDAY – SATURDAY
March 5-7, 2020

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

Samuel M. Goldman, MD, MPH
Associate Professor of Medicine and Neurology
Division of Occupational and Environmental Medicine
University of California, San Francisco

ADDITIONAL EVENT WEDNESDAY, MARCH 4
Evening Scientific Poster Session and Opening Reception – Call for Abstracts to Follow
An attendee completing this course will be able to:

**OBJECTIVES**

This course is designed to provide the experienced clinician with a review of vulnerable workers and communities at environmental risk, as well as to contextualize other topics emerging within the epidemiology of OEM and the evaluation and treatment of occupational and environmental diseases and injuries. Most attendees will be occupational practitioners, but some are likely to be specialists in related fields who will profit by an in-depth presentation of OEM topics.

**TARGET AUDIENCE**

OBJECTIVES

An attendee completing this course will be able to:

- Improve their assessment of occupational and environmental risk;
- Adopt new medical knowledge into preventive activities addressing established and emerging risk factors and new diseases entities;
- Evaluate scientific data in the field of occupational and environmental medicine;
- Expand their differential diagnosis to incorporate a wider range of environmental and occupational factors in various disease and injury processes;
- Improve diagnostic methods and treatment options 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 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 19.00 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 geriatric credits toward meeting the requirement under California Assembly Bill 1820, Geriatric Medicine.

**Pain Medicine:** The approved credits shown above include 1.75 Pain Credits towards meeting the requirement under California Assembly Bill 487, Pain Management and Care for the Terminally Ill.

**Trauma:** The approved credits shown above include 3.75 credits toward satisfying the American College of Surgeons Committee on Trauma requirement for trauma-related continuing medical education.

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

**Pharmacy:** The California Board of Pharmacy accepts as continuing professional education those courses that meet the standard of relevance to pharmacy practice and have been approved for AMA PRA Category 1 Credit™.

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

**American Board of Preventive Medicine:** The American Board of Preventive Medicine (ABPM) has approved this activity for a maximum of 19.00 LLSA credits towards ABPM MOC Part II requirements.

**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.
# Being an Occupational and Environmental Health “Detective”

## WEDNESDAY, MARCH 4, 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speaker/Leader</th>
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<tbody>
<tr>
<td>6:30-8:30 pm</td>
<td>Evening Scientific Poster Session and Opening Reception</td>
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## THURSDAY, MARCH 5, 2020

### BEING AN OCCUPATIONAL AND ENVIRONMENTAL HEALTH “DETECTIVE”

<table>
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<tr>
<th>Time</th>
<th>Activity</th>
<th>Speaker/Leader</th>
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<tbody>
<tr>
<td>7:45</td>
<td>Welcome &amp; Overview</td>
<td>Course Leaders</td>
</tr>
<tr>
<td>8:00</td>
<td>T  History Lessons: Sentinel Occupational and Environmental Events</td>
<td>Paul D. Blanc, MD, MSPH</td>
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<tr>
<td>8:50</td>
<td>T  Taking an Occupational and Environmental History</td>
<td>Robert Harrison, MD, MPH</td>
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<tr>
<td>9:40</td>
<td>T  Coffee Break</td>
<td></td>
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<tr>
<td>10:10</td>
<td>T  What Lung Function Study Should I Order and Why?</td>
<td>Robert Cohen, MD</td>
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<tr>
<td>11:00</td>
<td>T  Toxicology Testing – A Guide to the Perplexed</td>
<td>Eddie Garcia, MD</td>
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<tr>
<td>11:50</td>
<td>T  Lunch On Own</td>
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<tr>
<td>1:10 pm</td>
<td>KEYNOTE: Workplace Safety and Health: An Investigative Reporter’s Experience</td>
<td>Howard Berkes</td>
</tr>
<tr>
<td>2:10</td>
<td>T  Special Senses and Special Testing</td>
<td>Dennis Shusterman, MD, MPH</td>
</tr>
<tr>
<td>3:00</td>
<td>T  Coffee Break</td>
<td></td>
</tr>
<tr>
<td>3:30</td>
<td>T  Bibliography and Bibliometrics: How to Search</td>
<td>Evans Whitaker, MD, MLIS</td>
</tr>
<tr>
<td>4:20</td>
<td>T  The Nuts and Bolts of an Outbreak Investigation</td>
<td>Kristin Cummings, MD, MPH</td>
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<tr>
<td>5:10</td>
<td>T  Closing Panel – “Being a Detective”</td>
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<tr>
<td>6:00 pm</td>
<td>Adjourn</td>
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## FRIDAY, MARCH 6, 2020

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<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speaker/Leader</th>
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</thead>
<tbody>
<tr>
<td>7:15 am</td>
<td>Continental Breakfast</td>
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### UPDATES IN OCCUPATIONAL AND ENVIRONMENTAL MEDICINE

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<tr>
<td>7:50</td>
<td>Welcome &amp; Overview</td>
<td>Course Leaders</td>
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<tr>
<td>8:10</td>
<td>P  Robotics, Co-botics, and Enhanced Mechanics [Resistance is Futile]</td>
<td>Carisa Harris-Adamson, PhD</td>
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<tr>
<td>9:00</td>
<td>P  Office Ergonomics 101</td>
<td>Jay M. Kapellusch, PhD</td>
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<tr>
<td>9:50</td>
<td>P  Coffee Break</td>
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<tr>
<td>10:20</td>
<td>T  Occupational Issues in Laboratory Animal Handling</td>
<td>Rajan Puri, MD, MPH</td>
</tr>
<tr>
<td>11:10</td>
<td>G  Autoimmune Disease and Occupation</td>
<td>Gabriela Schmajuk, MD, MSc</td>
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<tr>
<td>12:50 pm</td>
<td>Lunch On Own</td>
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<tr>
<td>1:30</td>
<td>G  The Occupational Burden of Respiratory Disease</td>
<td>Carrie Redlich, MD, MPH</td>
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<tr>
<td>2:30</td>
<td>G  Ethical Concepts and Challenges in Occupational Health</td>
<td>Sergio Iavicoli, MD, PhD</td>
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<tr>
<td>3:30</td>
<td>G  Coffee Break</td>
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<tr>
<td>3:50</td>
<td>G  OEM Published Research: The Year in Review</td>
<td>Samuel Goldman, MD, MPH</td>
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<tr>
<td>4:45 pm</td>
<td>Adjourn</td>
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SATURDAY, MARCH 7, 2020

7:45 am  Continental Breakfast
8:15  Welcome & Overview
8:30  T  Unexpected Radiation Exposure Scenarios
      Course Leaders
      Timur Durrani, MD, MPH, MBA
9:20  T  Occupational Health Monitoring for Emergency Responders
      Bruce Bernard, MD, MPH
10:10  Coffee Break
10:30  G  Use of Low Dose CT Scanning for Early Lung Cancer Detection Among High Risk Workers
      Steven B. Markowitz, MD, DrPH
11:30  GT  Closing Panel – What are the Persistent or Emerging Problems in Occupational and Environmental Medicine?
      Moderator:
      Samuel Goldman, MD, MPH
      Panelists:
      Carisa Harris-Adamson, PhD
      Sergio Iavicoli, MD, PhD
      Steven B. Markowitz, MD, DrPH
      Carrie Redlich, MD, MPH

12:00 noon  Adjourn

P  •  Pain Credit  G  •  Geriatric Credit  T  •  Trauma Credit

GENERAL INFORMATION
Advance registration closes one (1) business day prior to start of course. Onsite registration fees, if applicable, will be applied after this date.

HOW TO ENROLL
Full Course Registration Fees
Early Bird Rate: Ends 1/3/2020
$745  Physicians ($770 after 1/3/2020)
$645  Advanced Health Practitioners ($670 after 1/3/2020)
$525  Residents/Fellow/Trainee ($550 after 1/3/2020)
Current graduate trainees should inquire regarding special registration options.
If you would like to register for only the Being an Occupational and Environmental Health “Detective” or Updates in Occupational Health and Environmental Medicine, see information on individual sections below:

Being an Occupational and Environmental Health Detective (March 5, 2020)
8.5 AMA PRA Category 1 Credits™
$375  – Physicians ($400 after 1/3/2020)
$325  – Allied Health Professionals ($350 after 1/3/2020)
$250  – Residents/Fellows ($275 after 1/3/2020)

Updates in Occupational and Environmental Medicine Section Only
(Two Days – March 6-7, 2020)
10.5 AMA PRA Category 1 Credits™
$450  – Physicians ($475 after 1/3/2020)
$400  – Allied Health Professionals ($425 after 1/3/2020)
$325  – Residents/Fellows ($350 after 1/3/2020)

REGISTER VIA
Online:  cme.ucsf.edu
Mail:  Complete course registration form and send with payment to:
UCSF Office of Continuing Medical Education
3333 California St, Suite 450
San Francisco, CA 94118
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.

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. San Francisco Marriott 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 $229/night. You are urged to make your reservations early. The cut off date is February 12, 2020, 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 and click on the hotel link in the Travel & Lodging section of the course webpage. If you prefer to telephone in your reservation, call 415-775-7555 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 AND RENTAL CAR
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 for more information and discount codes.

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.
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Division of Occupational and Environmental Medicine
Robert Kosnik, MD, DIH
Professor of Medicine, Medical Director, Occupational Health
Services, Division of Occupational and Environmental Medicine

COURSE FACULTY (University of California, San Francisco unless indicated)
Howard Berkes
Investigations Correspondent, National Public Radio
Bruce Bernard, MD, MPH
Captain, United States Public Health Service (ret);
Consultant, Centers for Disease Control and Prevention,
Atlanta, GA
Robert A. Cohen, MD
Professor of Medicine
Northwestern University, Feinberg School of Medicine, Chicago, IL

COURSE FACULTY (CONT’D)
Kristin Cummings, MD, MPH
Public Health Medical Officer
California Department of Public Health
Timur Durrani, MD, MPH, MBA
Associate Professor of Medicine;
Director, Occupational Health, Lawrence Berkeley Laboratory
Eddie Garcia, MD
Medical Toxicology Fellow, California Poison Control System,
San Francisco Division
Carisa Harris-Adamson, PhD
Assistant Professor of Medicine; Director, Ergonomics Laboratory
Robert Harrison, MD, MPH
Clinical Professor of Medicine;
Public Health Medical Officer, California Department of Public Health
Sergio Iavicoli, MD, PhD
Research Director, INAIL (National Institute for Insurance against Accidents at Work), Rome, Italy
Jay M. Kapellusch, PhD
Associate Professor and Chair, Department of Occupational Science and Technology,
College of Health Sciences University of Wisconsin Milwaukee, WI

COURSE FACULTY (CONT’D)
Steven B. Markowitz, MD, DrPH
Director, Barry Commoner Center for Health and the Environment;
Professor of Environmental Sciences at Queens College, City University of New York, NY
Rajan Puri, MD, MPH
Clinical Assistant Professor of Medicine, Section of Occupational Medicine
Director, Strategic Health Initiatives and Innovation
Stanford University, Palo Alto, CA
Carrie Redlich, MD, MPH
Professor of Medicine and Epidemiology
Director, Yale Occupational and Environmental Medicine Program,
Yale University, New Haven, CT
Gabriela Schmajuk, MD, MSc
Associate Professor of Medicine Division of Rheumatology
San Francisco Veterans Affairs Health Care System
Dennis Shusterman, MD, MPH
Professor of Clinical Medicine, Emeritus
Division of Occupational and Environmental Medicine