Toxic Substances in the Workplace and the Environment

and

Updates in Occupational and Environmental Medicine

March 10-12, 2016

ADDED EVENT WEDNESDAY, MARCH 9
Evening Scientific Poster Session and Opening Reception – Call for Abstracts to Follow

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
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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
Toxic Substances in the Workplace and the Environment and Updates in Occupational and Environmental Medicine

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 toxic substances in the workplace and the environment. A poster session the evening before will supplement the Toxic Substances 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 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 toxic substances 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 and chemical toxicity in disease processes;
• Increase diagnostic methods and treatment options for selected occupational and environmental conditions;
• 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 18.00 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.

Pain Management and End-of-Life Care:
The approved credits shown above include a maximum of 4.75 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 3.00 credits toward meeting the requirement under California Assembly Bill 1820, Geriatric Medicine.

American Board of Preventive Medicine: The American Board of Preventive Medicine has approved this course for a maximum of 18.00 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 18.00 credits.

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

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.

MARCH 10-12, 2016
WEDNESDAY, MARCH 9, 2016
6:00-7:30 pm  Conference Opening Reception and Scientific Poster Session

THURSDAY, MARCH 10, 2016

TOXIC SUBSTANCES IN THE WORKPLACE AND THE ENVIRONMENT
7:45 am  Introductions  Course Leaders
8:00  PG  Heavy Metal Toxicity: Going Beyond Lead, Mercury, and Arsenic  Craig Steinmaus, MD, MPH
8:50  Lessons Learned from the Poison Control Center  Hallam Gugelmann, MD
9:40  Coffee Break
10:10  Carcinogens – What Should You Know While Waiting for IARC  Michael Fischman, MD, MPH
11:00  Chemicals in the Indoor Environment – New Threats on the Horizon  Veena Singla, PhD
11:50  Lunch
1:10 pm  Scenarios for De Novo Creation of Toxic Substances  Dennis Shusterman, MD, MPH
2:00  A Systematic Approach to Solvent Toxicity  Raj Puri, MD, MPH
2:50  PG  Liver Toxicants: Synthetic and Naturally Occurring, Classic and Emerging  Timur Durrani, MD, MPH, MBA
3:40  Coffee Break
4:10  PG  Chemical Toxicity to the Special Senses: Vision, Hearing, Taste, and Smell  Jonathan S. Rutchik, MD, MPH
5:00  New Fumigants, Herbicides, Insecticides, and Other Agricultural Chemicals  Anne Arens, MD
5:50  CLOSING PANEL: Toxicants in Perspective  Timur Durrani, MD, MPH • Veena Singla, PhD • Anne Arens, MD • Michael Fischman, MD, MPH • Denis Shusterman, MD, MPH
6:20 pm  Adjourn

FRIDAY, MARCH 11, 2016 • DAY ONE

UPDATES IN OCCUPATIONAL AND ENVIRONMENTAL MEDICINE
7:30 am  Registration and Continental Breakfast
8:00  Introductions  Course Leaders
8:10  Common Laboratory Hazards  Richard Wittman, MD, MPH
9:00  G  Occupational Renal Disease  Christina Wyatt, MD
9:50  Coffee Break
10:20  Pediatric Environmental Illness – The Canary in the Coal Mine  Mark Miller, MD
11:30  Reproductive Health and Occupational/Environmental Exposures  Marya G. Zlatnik, MD, MMS
12:20 pm  Lunch
1:30  Afternoon Keynote: Ebola as a Paradigm of Health Care Worker Risk  Bruce Bernard, MD, MPH
2:30  Hypersensitivity Pneumonitis: Pigeons, Mold, and Odd Jobs  Kenneth Anderson, MD, FRCP
3:20  Coffee Break
3:50  P  Post-Traumatic Stress Disorder in the Occupational Context, Including Military Service  John R. McQuaid, PhD
4:40  P  Hazardous Jobs in Developing Economies  Garrett Brown, CIH
5:20 pm  Adjourn

G – Geriatric Credit  P – Pain Credit
**GENERAL INFORMATION**

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

**Date:** March 10-12, 2016  
(March 9, 2016 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 and Environmental Medicine, see information on individual sections below:

**Toxic Substances in the Workplace and The Environment (March 10)**
- 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 11-12)**
- 10.00 AMA PRA Category 1 Credits™
  - $425  
  - Physicians
  - $375  
  - Allied Health Professionals
  - $325  
  - Residents/Fellows

**REGISTER VIA**

- **Online:** www.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

**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, 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 **$185/night**. You are urged to make your reservations early.

The cut-off date is **February 17, 2016**, 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 www.cme.ucsf.edu. 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 at www.cme.ucsf.edu.
COURSE CHAIRS
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COURSE FACULTY
Kenneth Anderson, MD, FRCP
Consultant Physician, Department of Respiratory Medicine University Hospital Crosshouse Kilmarnock, Scotland
Anne Arens, MD
San Francisco Division, California Poison Control System
Bruce Bernard, MD, MPH
Captain, USPHS; Chief Medical Officer Health Hazard Evaluations and Technical Assistance NIOSH, CDC
Garrett Brown, CIH
Coordinator, Maquiladora Health & Safety Support Network Berkeley, CA

COURSE FACULTY (CONT’D)
Barbara J. Burgel, RN, PhD, FAAN, FAAOHN
Professor of Clinical Nursing and Adult Nurse Practitioner, UCSF
Michael Fischman, MD MPH
Medical Director, Intel Corporation; Clinical Professor of Medicine, UCSF
Hallam Gugelmann, MD
San Francisco Division, California Poison Control System
Robert Harrison, MD, MPH
Clinical Professor of Medicine, UCSF; Public Health Medical Officer, California Department of Public Health
Patrick R. Laraby, MD, MPH, MS, MBA, CAPT MC USN
Service Chief, Occupational Health, Walter Reed National Military Medical Center, Bethesda, MD
John R. McQuaid, PhD
Professor of Clinical Psychology, UCSF; Associate Chief of Mental Health for Clinical Administration San Francisco VA Medical Center
Mark Miller, MD
Assistant Clinical Professor, UCSF; Director, Pediatric Environmental Health Specialty Unit Air Toxicology and Epidemiology Section, Office of Environmental Health Hazard Assessment, Cal/EPA
Raj Puri, MD, MPH
Resident, Occupational Medicine Residency Program, UCSF

COURSE FACULTY (CONT’D)
Jonathan S. Rutkow, MD, MPH
Neurology and Occupational / Environmental Medicine Associate Clinical Professor, Occupational Medicine, UCSF
Dennis Shusterman, MD MPH
Professor Emeritus of Clinical Medicine, UCSF; Public Health Medical Officer, California Department of Public Health (Retired)
Veena Singla, PhD
Staff Scientist, Natural Resources Defense Council San Francisco, CA
Andrea Siracusca MD
Professor of Occupational Medicine (Retired), University of Perugia, Italy
Craig Steinmann MD MPH
Office of Environmental Health Hazard Assessment, Cal/EPA
Richard Wittman, MD MPH
Medical Director, Occupational Health Center, Stanford University
Christina Wyatt, MD
Associate Professor of Medicine, Nephrology, Icahn School of Medicine at Mount Sinai
Marya G. Zlatnik, MD, MMS
Professor, Division of Maternal Fetal Medicine, Department of Obstetrics, Gynecology, & Reproductive Sciences; Associate Director, Maternal Fetal Health and the Environment Program, UCSF/Western States PEHSU
COURSE REGISTRATION FORM

Toxic Substances in the Workplace and the Environment and Updates in Occupational and Environmental Medicine
March 10-12, 2016 • Holiday Inn Fisherman’s Wharf

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

☐ 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

INDIVIDUAL SECTIONS:
Toxic Substances in the Workplace and the Environment Only (March 10, 2016)
8.00 AMA PRA Category 1 Credits™

☐ $325 Physicians ☐ $275 Allied Health Professionals ☐ $225 Residents/Fellows

Occupational and Environmental Medicine Update Only (March 11-12, 2016)
10.00 AMA PRA Category 1 Credits™

☐ $400 Physicians ☐ $350 Allied Health Professionals ☐ $300 Residents/Fellows

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 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.

Holiday Inn Fisherman’s Wharf
1300 Columbus Ave.
San Francisco, CA 94133
(800) 942-7348 toll-free
(415) 771-7006 phone
www.hifishermanswharf.com