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

THURSDAY – SATURDAY
March 7-9, 2024
San Francisco Marriott Fisherman's Wharf
San Francisco, CA

COURSE CHAIRS
Paul D. Blanc, MD MSPH
Samuel Goldman, MD MPH
Robert Kosnik, MD DIH
Rahmat Balogun, DO MPH
Stephanie Holm, MD MPH PhD

cme.ucsf.edu
These courses are presented by the Division of Occupational, Environmental, and Climate Medicine in the Department of Medicine at the University of California San Francisco. They provide targeted reviews of one topic area along with a broader update of current topics in occupational and environmental health. The curriculum is designed for occupational and environmental health professionals, including occupational physicians and nurses, and industrial hygienists. It also meets the needs of primary care providers and others engaged in practice and research, including physicians (family medicine practitioners, internists, emergency medicine specialists), advanced practice nurses and other nursing professionals, and physician assistants. Policy makers and medical-legal practitioners also benefit from the curriculum offered. The first day of the 2024 course, Work and Environmental Respiratory Disease, addresses subject areas that underscore the interrelationships and linkages between work and the environment with respiratory disease. Topic examples include a Historical Perspective on the Lung, the Occupational Burden of Non-Malignant Respiratory Disease, Pneumoconiosis, Hypersensitivity Pneumonitis, Idiopathic Pulmonary Fibrosis, and Climate Change and Respiratory Health looking at Heat, Wildfires, Air Pollution and more. A poster session the evening before the first conference day will supplement this content, including case reports and research data. The second day and final half-day of the course will cover a multi-topic theme: Updates in Occupational and Environmental Medicine.

OBJECTIVES
Attendees completing this course will be able to:
- Clarify their role in addressing occupational and environmental health topics in clinical practice;
- Adopt new medical knowledge into preventive activities addressing occupational and environmental risk factors, both established and newer;
- Improve their evaluation of scientific data in the field of occupational and environmental health;
- Expand the differential diagnosis to incorporate a wider range of environmental and occupational factors in various disease processes;
- Better apply appropriate diagnostic methods and treatment options for selected occupational and environmental conditions.

ACCREDITATION
In support of improving patient care, University of California, San Francisco is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

UCSF designates this live activity for a maximum of 17.75 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 1.5 geriatric credits toward meeting the requirement under California Assembly Bill 1820, Geriatric Medicine.

Pain Medicine: The approved credits shown above include 2.5 Pain Credits towards meeting the requirement under California Assembly Bill 487, Pain Management and Care and for the Terminally Ill.

Trauma: The approved credits shown above include 2.5 credits on Trauma-related continuing education for 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 Credits™ issued by organizations accredited by the ACCME.

Physician Assistants: AAPA accepts category 1 credit from AOACCME, Prescribed credit from AAPA, 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 forAMA 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.

California Division of Workers Compensation – Medical Unit (Q100 Credit): This course has been reviewed and approved for 17.75 hours of credit.
WEDNESDAY, MARCH 6, 2024 • Pre-Conference
6:30-8:30 pm  Evening Poster Session and Opening Reception

THURSDAY, MARCH 7, 2024

DAY 1 • WORK AND ENVIRONMENTAL RESPIRATORY DISEASE
7:00 am  Registration and Continental Breakfast
7:45  Introduction
8:00  The Lungs: A Historical Perspective  Paul Blanc, MD MSPH
8:50  The Occupational Burden of Non-Malignant Respiratory Disease  Carrie Redlich, MD MSPH
9:40  Break
10:10  Occupational and Environmental Cancer of the Thorax and Nasal System: What Have We Learned?  Carl Reynolds, MD
11:00  Pneumoconiosis: The More Things Change....  Robert Cohen, MD
11:50  Lunch Break
1:10 pm  KEYNOTE: Hypersensitivity Pneumonitis: An Unfolding Story  Hayley Barnes, MD
2:10  Infectious Pneumonia as an Occupational Disease  Kjell Torén, MD
3:00  Break
3:30  Idiopathic Pulmonary Fibrosis and other Rare Fibrotic Lung Diseases of Unknown Cause – Not so Idiopathic After All  Sheiphali Gandhi, MD MPH
4:20  Climate Change and Respiratory Health: Heat, Wildfires, Air Pollution, and More  John Balmes, MD
6:00 pm  Adjourn

FRIDAY, MARCH 8, 2024

DAY 2 • UPDATES IN OCCUPATIONAL AND ENVIRONMENTAL MEDICINE
7:00 am  Registration and Continental Breakfast
7:50  Introductions
8:10  The Intersection of Pediatrics and Occupational and Environmental Health  Stephanie Holm, MD PhD MPH
9:00  Rhinitis and Sinusitis in the Workplace: What Does the Nose Really Know?  Dennis Shusterman, MD MPH
9:50  Break
10:20  Ambient and Workplace Air Pollution and the Heart  Joel Kauffman, MD MPH
11:10  Radiation Effects Across the Spectrum  Rajan Puri, MD MPH
12:00 pm  Lunch
1:30  KEYNOTE: Carbon Dioxide: Should We Rethink its Toxicity?  Howard M. Kipen, MD MPH
2:20  Taking a Military ‘Occupational’ and Environmental History  Ware Kuschner, MD
3:10  Break
3:40  Occupational COVID in Non-Clinical Workers – Lessons For The Next Pandemic?  Amy Heinzerling, MD MPH
4:30  OEM Published Research: The Year in Review  Samuel Goldman, MD MPH
5:15 pm  Adjourn

SATURDAY, MARCH 9, 2024

DAY 3 • UPDATES IN OCCUPATIONAL AND ENVIRONMENTAL MEDICINE
7:15 am  Registration and Continental Breakfast
8:15  Introduction
8:30  What Sports Medicine Can Teach Us about Occupational Injury  Anthony Lopez, DO MPH
9:20  Metals Toxicity: It’s More than Lead, Mercury, and Arsenic  Stephen Petrou, MD
John Keller, MD
10:10  Coffee Break
10:30  Occupational Hepatitis: Chemical and Other Agents  Robert Harrison, MD MPH
11:20  Closing Panel: Occupational and Environmental Health – Where Do We Go from Here?  Facilitator: Sam Goldman; Discussants: Rahmat Balogun, Robert Harrison, Stephanie Holm
12:00 pm  Adjourn

P • Pain Credit  G • Geriatric Credit  T • Trauma Credit
**Work and Environmental Respiratory Disease and Updates in Occupational and Environmental Medicine**  
March 7-9, 2024

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

**HOW TO ENROLL**

**FULL COURSE Registration Fees**  
(Three Days • March 7-9, 2024)

**Early Bird Rate: Ends 1/7/2024**

- 17.75 AMA PRA Category 1 Credits\(^\text{TM}\) by 1/7/24 after 1/7/24
  - Physicians: $675 $725
  - Advanced Practice: $575 $625
  - Professionals: $450 $500
  - Residents/Fellows/Trainees $225 $275

Current graduate trainees should inquire regarding special registration options. If you would like to register for only the **Work and Environmental Respiratory Disease** or **Updates in Occupational and Environmental Medicine**, see information on individual sections below:

**Work and Environmental Respiratory Disease**  
(One Day • March 7, 2024)

- 8.00 AMA PRA Category 1 Credits\(^\text{TM}\) by 1/7/24 after 1/7/24
  - Physicians: $350 $400
  - Advanced Practice: $275 $325
  - Professionals: $225 $275

**Updates in Occupational and Environmental Medicine Section Only**  
(Two Days • March 8-9, 2024)

- 10.00 AMA PRA Category 1 Credits\(^\text{TM}\) by 1/7/24 after 1/7/24
  - Physicians: $400 $450
  - Advanced Practice: $350 $400
  - Professionals: $225 $275

**GREENER MEETING**
We’re saving paper! The syllabus will be available electronically one week prior to the course.

**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.

**REGISTER VIA**

- Online: cme.ucsf.edu
- Mail: Complete course registration form and send with payment to: UCSF Office of Continuing Medical Education 490 Illinois Street, Floor 8 San Francisco, CA 94143
- 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** is just steps from 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 $219/night. You are urged to make your reservations early. The cut-off date is February 6, 2024, 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 online, go to www.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 reservations at (800) 228-9290 or (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**
UCSF has negotiated special fares with airlines and car rental agencies. Please visit the TRAVEL AND LODGING section on the course webpage at www.cme.ucsf.edu for more information and discount codes.
COURSE CHAIRS
University of California, San Francisco
Paul D. Blanc, MD MSPH
Professor of Medicine, Endowed Chair and Division Chief, Occupational, Environmental, and Climate Medicine
Robert Kosnik, MD DIH
Clinical Professor of Medicine; Medical Director, UCSF Occupational Health Services, Division of Occupational, Environmental, and Climate Medicine
Samuel M. Goldman, MD MPH
Emeritus Professor of Medicine and Neurology; Division of Occupational, Environmental and Climate Medicine
Rahmat Balogun, DO MPH
Assistant Clinical Professor of Medicine; Assistant Medical Director, UCSF Occupational Health Services, Division of Occupational, Environmental, and Climate Medicine
Stephanie Holm, MD MPH PhD
Co-Director, Western States Pediatric Environmental Health Specialty Unit; Assistant Clinical Professor of Medicine, Division of Occupational, Environmental, and Climate Medicine

COURSE FACULTY
Faculty affiliated with UCSF unless otherwise stated

John Balmes, MD
Emeritus Professor of Medicine; Division of Occupational, Environmental and Climate Medicine
Hayley Barnes, MD
Department of Respiratory Medicine, Alfred Health, Melbourne, Australia
Robert Cohen, MD
Professor of Medicine; Northwestern University, Feinberg School of Medicine, Chicago, IL
Sheiphali Gandhi, MD MPH
Assistant Clinical Professor of Medicine; Division of Occupational, Environmental and Climate Medicine
Robert Harrison, MD MPH
Clinical Professor of Medicine; Division of Occupational, Environmental and Climate Medicine
Amy Heinzerling, MD MPH
Assistant Professor of Medicine; Division of Occupational, Environmental and Climate Medicine
Joel Kauffman, MD MPH
Professor, Epidemiology, Environmental and Occupational Health Sciences, and Medicine; University of Washington, Seattle, WA
John Keller, MD
California Poison Control System, San Francisco Division; Toxicology Fellow, UCSF
Howard M. Kipen, MD MPH
Emeritus Professor of Medicine; Division of Pulmonary, Allergy and Critical Care Medicine; Stanford University School of Medicine; Section Chief, Pulmonary, Critical Care and Sleep Medicine, VA Palo Alto Health Care System
Anthony Lopez, DO MPH
Staff Physician, Kaiser Permanente San Francisco
Stephen Petrou, MD
California Poison Control System, San Francisco Division; Toxicology Fellow, UCSF
Rajan Puri, MD MPH
Corporate Medical Director, PBF Energy
Carrie Redlich, MD MSPH
Professor of Medicine and Environmental Health Sciences; Director, Yale Occupational and Environmental Medicine Program; Yale University, New Haven, CT
Carl Reynolds, MD
Consultant in Respiratory and Acute Medicine with an interest in lung cancer and respiratory intervention; Imperial College Healthcare NHS Trust; Honorary Senior Lecturer, National Heart and Lung Institute at Imperial College London; London, England
Dennis Shusterman, MD MPH
Emeritus Professor of Medicine; Division of Pulmonary, Allergy and Environmental and Climate Medicine
Kjell Torén, MD
Professor of Medicine; Institute of Medicine, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden

COURSE FACULTY (CONT'D)

Ware Kuschner, MD
California Poison Control System, San Francisco Division; Toxicology Fellow, UCSF
Howard M. Kipen, MD MPH
Emeritus Professor of Medicine; Division of Pulmonary, Allergy and Critical Care Medicine, Stanford University School of Medicine; Section Chief, Pulmonary, Critical Care and Sleep Medicine, VA Palo Alto Health Care System
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COURSE REGISTRATION FORM • MDM24N01

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Mail to: UCSF Office of CME, Box 0742
490 Illinois Street, Floor 8
San Francisco, CA 94143

Online registration: www.cme.ucsf.edu
Registration Information: (415) 476-5808
Course Information: (415) 476-4251

☐ Dr. ☐ Ms. ☐ Mr. ☐ Mrs. ☐ Mx.

LAST NAME ________________ FIRST ________ M.I. ____________

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Please indicate if you have any special needs: ______________________________________

Would you like to be on our priority email list? ☐ Yes ☐ No

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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: www.cme.ucsf.edu

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