Cardiovascular Health and Disease: Occupational and Environmental Factors and Updates in Occupational and Environmental Medicine

Holiday Inn Fisherman’s Wharf
San Francisco, CA

Wednesday
March 11, 2015
Evening Scientific Poster Session and Opening Reception

Thursday – Saturday
March 12-14, 2015

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

ABPM (Occupational) MOC Approved
California QME Credits Pending
This course, presented by the Division of Occupational and Environmental Medicine in the Department of Medicine at the University of California, San Francisco, is designed to provide occupational and environmental health professionals and persons from other health-related disciplines with a review and update of current data in occupational and environmental medicine. The first day of the curriculum will focus on Cardiovascular Health and Disease. A poster session the evening before will supplement the cardiovascular 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, industrial hygienists, and health researchers and policy makers.

OBJECTIVES

Upon completion of this course, attendees will be able to:

- Assess the role of cardiovascular health and disease in occupational and environmental health practice and modify patient communication or treatment options;
- 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, and incorporate into practice;
- Expand the differential diagnosis to incorporate a wider range of environmental and occupational factors in cardiovascular and other disease processes;
- Improve diagnostic methods and treatment for selected occupational and environmental conditions;
- Improve management of specific work-related scenarios within required regulations;
- Prioritize 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 5.25 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 5.00 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 19.25 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.

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.
### GENERAL INFORMATION

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

**Date:** March 12-14, 2015  
**Location:** Holiday Inn Fisherman’s Wharf, 1300 Columbus Avenue, San Francisco, CA 94133  
**Fees:**  
- **Full Course:**  
  - Physicians: $700  
  - Allied Health Professionals: $600  
  - Residents/Fellows: $500  
- **Updates in Occupational Medicine Section Only (Two Days – March 13-14):**  
  - PRA Category 1 Credits™  
  - Physicians: $400  
  - Allied Health Professionals: $350  
  - Residents/Fellows: $300  

#### 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.

### Updates in Occupational Medicine Section Only (Two Days – March 13-14)

**11:25**  
**P** Underlying Cardiovascular Disease and Physical Injury Risk  
Mark R. Cullen, MD

### Conference Opening Reception and Scientific Poster Session

**6:00-7:30 pm**  

### Cardiovascular Health and Disease: Occupational and Environmental Factors

#### THURSDAY, MARCH 12, 2015 • ONE DAY ONLY

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>7:30 am</td>
<td>Registration and Continental Breakfast</td>
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<tr>
<td>8:00</td>
<td>Welcome and Introduction</td>
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<tr>
<td>8:10 <strong>G</strong></td>
<td>Occupation and Heart Disease: Epidemiological Evidence and Biological Plausibility</td>
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<tr>
<td>Mia Söderberg, MSc, PhD</td>
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<tr>
<td>8:50</td>
<td>Break</td>
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<tr>
<td>9:00 <strong>G</strong></td>
<td>Ambient Air Pollution and Cardiovascular Morbidity and Mortality</td>
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<td>Lars Barregård, MD, PhD</td>
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<td>9:50</td>
<td>Break</td>
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<tr>
<td>10:10</td>
<td>Historical Concepts of Cardiovascular Disease in Military and Civilian Work</td>
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<td>Brian Dolan, PhD</td>
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<tr>
<td>11:00</td>
<td>Work Organization and Stress as a Risk Factor for Cardiovascular Disease – Time for Intervention?</td>
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<td>Peter Schnall, MD, MPH</td>
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<td>11:50</td>
<td>Lunch on your Own</td>
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<tr>
<td>1:10 <strong>G</strong></td>
<td>Work and Vocational Factors and Stroke: An Under-Appreciated Association?</td>
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<td>Kjell Torén, MD, PhD</td>
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<td>2:00 <strong>P</strong></td>
<td>Physical Factors and Peripheral Vascular Disease: Vascular and Neural Damage, Spasm, and Varicosity</td>
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<td>Bruce Bernard, MD, MPH</td>
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<td>2:50 <strong>G</strong></td>
<td>Occupational and Environmental Factors and Cardiovascular Disease, Including Hypertension: Noise and Vibration</td>
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<td>Oi Saeng Hong, RN, PhD</td>
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<td>3:40</td>
<td>Break</td>
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<td>4:10 <strong>P</strong></td>
<td>Cardiovascular Disease and Sudden Cardiac Death in Law Enforcement and Firefighting: from Epidemiology to Risk Stratification and Fitness for Duty</td>
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<td>Stefanos N. Kales, MD, MPH</td>
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<td>5:00 <strong>P</strong></td>
<td>Underlying Cardiovascular Disease and Physical Injury Risk</td>
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<td>Mark R. Cullen, MD</td>
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<td>5:50 <strong>PANEL DISCUSSION:</strong></td>
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<td>Agenda for Closing Clinical and Research Gaps from Epidemiology to the Clinic</td>
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<tr>
<td>Lars Barregård, MD, PhD</td>
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<td>What Can We Learn from Toxins and the Heart?</td>
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<td>Thomas Kearney, PharmD</td>
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<td>From Bench to Bedside – A Cardiology Perspective</td>
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<td>Nisha I. Parikh, MD</td>
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<tr>
<td>6:30 pm</td>
<td>Adjourn</td>
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Updates in Occupational and Environmental Medicine

FRIDAY, MARCH 13, 2015 • DAY ONE

7:15 am  Registration and Continental Breakfast
7:45  Welcome and Introduction  Robert Kosnik, MD
8:00  Sleep Apnea and Work – A Two-Way Street  David Claman, MD
8:50 P  The Hazards of Sport as an Occupation: Traumatic Brain Injury and its Sequelae  Charles Filanosky, PhD, ABPP
9:40  Break
10:15 G  Disability and the Aging Worker  Edward Yelin, PhD
11:05  Work-related Anaphylaxis  Katherine Gundling, MD
11:55  Lunch on your Own
1:30 pm  The Lot of Migrant Agricultural Workers  Seth Holmes, MD, PhD
2:20  Pneumoconiosis in the 21st Century: New Lessons from an Old Exposure  Robert Cohen, MD
3:10  Break
3:30 G  Cognitive Performance in Aerospace and Beyond: Lessons for Us on the Ground  Immanuel Barshi, PhD
4:20  E-cigarettes – What Practitioners Should Know  Neal L. Benowitz, MD
5:10 pm  Adjourn

SATURDAY, MARCH 14, 2015 • DAY TWO

7:30 am  Registration and Continental Breakfast
8:00  Introduction  Paul Blanc, MD, MSPH
8:10 P  Skin in the Game – The New and the Classic in Occupational Dermatology  Howard Maibach, MD
9: 10  Mining Health where the Natural Resources are Extracted: The Perspective from Central Asia  Denis Vinnikov, MD, PhD
10:10  Break
10:45  Industrial Enzymes in the Workplace  Jordan Rinker, MD, MPH
11:45  My Boss is Manic! Bipolar Disorder in the Workplace  Sheri Johnson, PhD
12:45 pm  Adjourn

G – Geriatric Credit  P – Pain Credit

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 $159/night. You are urged to make your reservations early. The cut-off date is February 13, 2015, 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 may use the following tour code to book on your own: United – www.united.com  code: ZT8X431751

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University of California, San Francisco

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Medical Director
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University of California, San Francisco

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Human Systems Integration Division
NASA Ames Research Center
Moffett Field, CA

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Professor of Medicine and of Bioengineering & Therapeutic Sciences
University of California, San Francisco

Bruce Bernard, MD, MPH
Captain, U.S. 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, OH

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Director, UCSF Sleep Disorders Center
Professor of Medicine
University of California, San Francisco

Robert Cohen, MD
Professor, Northwestern University, Feinberg School of Medicine
Professor, University of Illinois School of Public Health, Chicago, IL

Mark R. Cullen, MD
Professor and Chief, Division of General Medical Disciplines
Stanford University School of Medicine
Stanford, CA

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Professor of Anthropology, History, and Social Medicine
University of California, San Francisco

Charles Filanosky, PhD, ABPP
Assistant Professor of Psychiatry
San Francisco Veterans Administration Medical Center

Katherine Gundling, MD
Professor, Allergy and Immunology Clinic
University of California, San Francisco

Seth M. Holmes, MD, PhD
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University of California, Berkeley
School of Public Health

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Director, Occupational and Environmental Health Nursing Graduate Program
Professor, School of Nursing
University of California, San Francisco

Sheri Johnson, PhD
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University of California, Berkeley

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Division Chief, Occupational and Environmental Medicine Clinic, Cambridge Health Alliance
Associate Professor
Harvard Medical School & Harvard School of Public Health
Boston, MA

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Associate Dean, School of Pharmacy
University of California, San Francisco
Managing Director, San Francisco Division, California Poison Control System

Howard Maibach, MD
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Sahlgrenska Academy at University of Gothenburg, Gothenburg, Sweden

Edward Yelin, PhD
Professor of Medicine
Institute for Health Policy Studies
University of California, San Francisco
COURSE REGISTRATION FORM
Cardiovascular Health and Disease: Occupational and Environmental Factors and Updates in Occupational and Environmental Medicine
March 12-14, 2015
Holiday Inn Fisherman’s Wharf

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

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

☐ Dr. ☐ Mr. ☐ Mrs. ☐ Ms.

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: _______________________________________

Registration Fees
☐ $700 Physicians ☐ $600 Allied Health Professionals ☐ $500 Residents/Fellows

Individual Sections:

Occupational and Environmental Factors in Infectious Disease Cardiovascular Health and Disease: Occupational and Environmental Factors Only (March 12, 2015) 8.25 AMA PRA Category 1 Credits™

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

Occupational and Environmental Medicine Update Only (March 13-14, 2015) 11.00 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 __________________________

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Please check our website for up-to-date information on the course: www.cme.ucsf.edu.

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