



Building the Iron Horse - Owen Smith © 2010
Laguna Honda Hospital, San Francisco, CA

The Musculoskeletal System at Work *and* Updates in Occupational and Environmental Medicine

THURSDAY – SATURDAY

March 9 - 11, 2023

San Francisco Marriott Fisherman's Wharf
San Francisco Marriott

COURSE CHAIRS

Paul D. Blanc, MD, MSPH
Samuel Goldman MD, MPH
Robert Kosnik, MD, DIH
Amy Heinzerling MD, MPH

UCSF

Additional Event Wednesday, March 8th

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



The Musculoskeletal System At Work and Updates in Occupational and Environmental Medicine

March 9-11, 2023 and March 8, 2023 Evening Poster Session

These courses are presented by the Division of Occupational and Environmental 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 2023 course, **The Musculoskeletal System at Work**, addresses subject areas that underscore the interrelationships between workplace hazards and the impact on the musculoskeletal system of workers. Topic examples include the impact on neck and back pain, toxic effects on muscle, ergonomic analyses, and a keynote address on carpal tunnel. 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**.

TARGET AUDIENCE

This course is designed to provide the experienced clinician with a review of the epidemiology, and the evaluation of occupational and environmental diseases and injuries. The curriculum will also include a substantial component focused on issues specifically pertinent to occupationally and environmentally-related disease. Most attendees will be occupational physicians or advance practice nurses, but some are specialists in related fields who will profit by an in-depth presentation of occupational and environmental medicine topics. Other disciplines frequently represented among participants include emergency medicine, pediatrics, physiatry, non-advanced practice nursing, industrial hygiene, public health practice, and the law, all of which can play a pivotal role in occupational and environmental health.

OBJECTIVES

Attendees completing this course will be able to:

- Improve their role in addressing occupational and environmental health topics in clinical practice;
- Adopt new medical knowledge into preventive activities addressing occupational and environmental established and newer risk factors;
- Evaluate 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;
- Improve diagnostic methods and treatment options for selected occupational and environmental conditions;
- 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.

Geriatric Medicine: The approved credits shown above include **3.25** geriatric credits toward meeting the requirement under California Assembly Bill 1820, Geriatric Medicine.

Pain Medicine: The approved credits shown above include **0.75** 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 **2.50** 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 AOACCME, 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 **18.00** 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 approved for a maximum of **18.00** credits.

WEDNESDAY, MARCH 8, 2023

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

THURSDAY, MARCH 9, 2023

7:00 am *Registration and Continental Breakfast*

THE MUSCULOSKELETAL SYSTEM AT WORK

7:45		Welcome and Introductions	<i>Course Chairs</i>
8:00	T	The Elbow – More Than a Hinge	David Caretto, MD, MPH
8:50	P	When Work is a Pain in the Neck	Meg Honan, MS, CPE, PT
9:40		<i>Coffee Break</i>	
10:10	P	Occupational Back Pain in the 21st Century	Jason Fodeman, MD, MBA
11:00	RxT	Muscle Breakdown from Toxicants and Trauma	Timur Durrani, MD, MPH, MBA
11:50		<i>Lunch on Own</i>	
1:10 pm		Keynote: Is there Light at the End of the Carpal Tunnel?	Jay M. Kapellusch, PhD
2:10	P	Neuropathy in the Differential Diagnosis of Musculoskeletal Symptoms	Rajiv Das, MD, MPH
3:00		<i>Coffee Break</i>	
3:30		Any Risk in Prolonged Standing on the Job?	Rupali Das, MD, MPH
4:20		When Should a Clinician Consult an Ergonomist?	Carisa Harris-Adamson, PhD, CPE
5:10		Closing Panel – Them Bones, Them Bones: Taking a Holistic Approach to Occupational Musculoskeletal Problems	<i>Facilitator:</i> Robert Harrison, MD, MPH <i>Discussants:</i> Rupali Das, MD, MPH Carisa Harris-Adamson, PhD, CPE Jay M. Kapellusch, PhD
6:00 pm		<i>Adjourn</i>	

FRIDAY, MARCH 10, 2023

7:00 am *Registration and Continental Breakfast*

UPDATES IN OCCUPATIONAL AND ENVIRONMENTAL MEDICINE

7:50		Introductions	<i>Course Chairs</i>
8:10		Just Another Day at the Construction Site: Painting, Sealing, Concrete Finishing, and Other New and Old Hazards	Eric Wood, MD, MPH
9:00	G	Taking a Hobby History	Paul Blanc, MD, MSPH
9:50		<i>Coffee Break</i>	
10:20		High and Low Altitude Environments	Mike Falvo, PhD
11:10		Dust Storms and Human Health	Robert Cohen, MD
12:00 pm		<i>Lunch on Own</i>	
1:30		How We Should Think About Environmental Health?	Gina Solomon, MD, MPH
2:20		Zoonoses – More Relevant Than Ever	Peter Chin-Hong, MD
3:10		<i>Coffee Break</i>	
3:40		Exposure to the Elements in Outdoor Work – The Upsides and Downsides	James McNicholas, DO, MPH
4:30		OEM Published Research: The Year in Review	Samuel Goldman, MD, MPH
5:15 pm		<i>Adjourn</i>	

SATURDAY, MARCH 11, 2023

7:15 am *Registration and Continental Breakfast*

UPDATES IN OCCUPATIONAL AND ENVIRONMENTAL MEDICINE

8:15		Introductions	<i>Course Chairs</i>
8:30		Am I Allergic to My Job? Assessing Sensitivity to Triggers	Rahmat Balogun, DO, MPH
9:20	GP	What's Reasonable in Reasonable Accommodation?	Sandra Domeracki, RN, MSN, FNP
10:10		<i>Coffee Break</i>	
10:30	G	Endocrinology from an Occupational Perspective: Challenges and Opportunities for Managing Diabetes in the Workplace	Sarah Kim, MD
11:20		Closing Panel: Occupational and Environmental Health – Where Do We Go from Here?	<i>Facilitator:</i> Samuel Goldman, MD, MPH <i>Discussants:</i> Rahmat Balogun, DO, MPH Paul Blanc, MD, MSPH Sandra Domeracki, RN, MSN, FNP Gina Solomon, MD, MPH
12:00 pm		<i>Adjourn</i>	

The Musculoskeletal System at Work and Updates in Occupational and Environmental Medicine

March 9 -11, 2023

GENERAL INFORMATION

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

HOW TO ENROLL

FULL COURSE Registration Fees

(Three Days • March 9-11, 2023)

Early Bird Rate: Ends 1/6/2023

18.00 AMA PRA Category 1 Credits™

by 1/6/23 after 1/6/23

Physicians	\$625	\$675
Advanced Health Practitioners	\$525	\$575
Residents/Fellow/Trainee	\$400	\$450

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

The Musculoskeletal System at Work:

(One Day • March 9, 2023)

8.0 AMA PRA Category 1 Credits™

by 1/6/23 after 1/6/23

Physicians	\$300	\$350
Advanced Health Practitioners	\$225	\$275
Residents/Fellows/Trainees	\$200	\$250

Updates in Occupational and Environmental Medicine

(Two Days • March 10-11, 2023)

10.00 AMA PRA Category 1 Credits™

by 1/6/23 after 1/6/23

Physicians	\$350	\$400
Advanced Health Practitioners	\$300	\$350
Residents/Fellows/Trainees	\$200	\$250

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: www.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.

COVID-19

Although we would hope and prefer to host our CME course in person in the Spring of 2023, as we have done in the past, we also understand that the pandemic has caused significant restriction to in-person educational events. The health and safety of our meeting attendees, faculty, staff, and those that provide infrastructure support at the meeting venue are of primary importance to us. If conditions dictate an entirely live streamed event, we will do so in accordance with our University's guidelines. Please check our website for up-to-date information on the course: www.cme.ucsf.edu

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 **\$199/night**. You are urged to make your reservations early. The cut-off date is **February 8, 2023**, 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.

general info



For more information or to register online visit our website at www.cme.ucsf.edu
You may also reach us by calling the Office of CME at (415) 476-4251 or emailing info@ocme.ucsf.edu.

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University of California, San Francisco • Office of CME
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COURSE CHAIRS

University of California, San Francisco

Paul D. Blanc, MD, MSPH
Professor of Medicine; Chief, Division of Occupational and Environmental Medicine; Parnassus-Mt Zion, ZFGH, and VAMC

Robert Kosnik, MD, DIIH
Professor of Medicine; Medical Director, UCSF Occupational Health Services, Division of Occupational and Environmental Medicine

Samuel M. Goldman, MD, MPH
Professor of Clinical Medicine and Neurology, Division of Occupational and Environmental Medicine

Amy Heinzerling MD, MPH
Assistant Professor of Medicine
Division of Occupational and Environmental Medicine

COURSE FACULTY

University of California, San Francisco

Rahmat Balogun, DO, MPH
Assistant Professor of Medicine; Staff Physician, Tang Center at UC Berkeley

David Caretto, MD, MPH
Medical Director, Employee Health, Sutter Health, Sacramento CA

Peter Chin-Hong, MD
Associate Dean for Regional Campuses; Professor of Medicine, Division of Infectious Diseases

COURSE FACULTY (CONT'D)

Robert Cohen, MD
Professor, Northwestern University; Director of Occupational Lung Disease

Rajiv Das, MD, MPH
Employee Health, UCSF Benioff Children's Hospital Oakland

Rupali Das, MD, MPH
Clinical Professor of Medicine; Senior Vice President and California Medical Director, Zenith Insurance

Sandra Domeracki, RN, MSN, FNP
Associate Professor of Nursing
Department of Community Health Systems, UCSF School of Nursing; Employee Health, San Francisco VA Health Care System

Timur Durrani, MD, MPH, MBA
Associate Professor of Medicine; Director, Occupational Health, Lawrence Berkeley Laboratory

Mike Falvo, PhD
Co-Director, VA Airborne Hazards and Burn Pits Center of Excellence; Associate Professor, Rutgers New Jersey Medical School

Jason Fodeman, MD, MBA
Associate Medical Director of Innovation and Outreach; Washington State Department of Labor & Industries

Carisa Harris-Adamson, PhD, CPE
Associate Professor of Medicine; Director, Ergonomics Laboratory, UC Berkeley/UCSF; Director, Center for Occupational and Environmental Health, UC Berkeley

COURSE FACULTY (CONT'D)

Meg Honan, MS, CPE, PT
Instructor, Consultant; Human Factors & Ergonomics Program, UCB/UCSF

Jay M. Kapellusch, PhD
Professor; Chair, Programs in Occupational Therapy Science, Technology & Rehabilitation, Rehabilitation Sciences & Technology, University of Wisconsin Milwaukee

Robert Harrison, MD, MPH
Clinical Professor of Medicine; Public Health Medical Officer, California Department of Public Health

Sarah Kim, MD
Professor of Medicine, UCSF
Division of Endocrinology, Diabetes and Metabolism
Director of ZSFG Adult Diabetes Clinic and ZSFG Adult Weight Management Clinic; Director or UCSF Diabetes Teaching Center
Co-Director of ZSFG Pediatric Healthy Lifestyles Clinic

James McNicholas, DO, MPH
Assistant Professor of Medicine UCSF; Director, Employee Health, ZSFG Hospital

Gina Solomon, MD, MPH
Clinical Professor of Medicine; Principal Investigator, Public Health Institute

Eric Wood, MD, MPH
Director, Occupational Medicine Residency Program
Rocky Mountain Center for Occupational and Environmental Health; Professor, Department of Family and Preventive Medicine, University of Utah

faculty

The Musculoskeletal System at Work and Updates in Occupational and Environmental Medicine

March 9–11, 2023 • San Francisco Marriott Fisherman’s Wharf • San Francisco

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.

DEGREE SPECIALTY

ADDRESS

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Please indicate if you have any special needs: _____

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

FULL COURSE Registration Fees

(Three days • March 9–11, 2023) 18.00 AMA PRA Category 1 Credits™

- \$625 Physicians (\$675 after 1/6/2023)
- \$525 Advanced Health Practitioners (\$575 after 1/6/2023)
- \$400 Residents/Fellows/Trainees (\$450 after 1/6/2023)

INDIVIDUAL SECTIONS:

The Musculoskeletal System at Work

(One day • March 9, 2023) 8.00 AMA PRA Category 1 Credits™

- \$300 Physicians (\$350 after 1/6/2023)
- \$225 Advanced Health Practitioners (\$275 after 1/6/2023)
- \$200 Residents/Fellows/Trainees (\$250 after 1/6/2023)

Updates in Occupational and Environmental Medicine

(Two Days • March 10–11, 2023) 10.00 AMA PRA Category 1 Credits™

- \$350 Physicians (\$400 after 1/6/2023)
- \$300 Advanced Health Practitioners (\$350 after 1/6/2023)
- \$200 Residents/Fellows/Trainee (\$250 after 1/6/2023)

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 **March 7, 2023** 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

San Francisco Marriott Fisherman’s Wharf
1250 Columbus Ave.
San Francisco, CA 94133
Phone: (415) 775-7555
www.marriottfishermanswharf.com

