

Occupational and Environmental Factors in Neurological Disease and Occupational and Environmental Medicine Update

HOLIDAY INN FISHERMAN'S WHARF • SAN FRANCISCO, CA

Occupational and Environmental Factors in Neurological Disease and Occupational and Environmental Medicine Update

October 31 - November 3, 2012

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 care-related disciplines with a review and update of current data in clinical toxicology, 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 occupational and environmental factors in neurological disease.

This course is approved for American Board of Preventive Medicine Maintenance of Certification credit and is a comprehensive update for occupational medicine specialists. In addition, 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, physician's assistants, industrial hygienists, and health care researchers and policy makers.

- OBJECTIVES** Upon completion of this course, attendees will have:
- Improved medical knowledge derived from research findings, particularly from toxicological and epidemiological investigations;
 - Increased ability to interpret the scientific database in the field of occupational and environmental health;
 - Increased competence in diagnostic approaches and widened awareness of treatment options for selected occupational and environmental conditions.

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 **20.0 AMA PRA Category 1 Credit(s)**[™].

Physicians should only claim credit commensurate with the extent of their participation in the activity.

American Board of Preventive Medicine: The American Board of Preventive Medicine for Maintenance of Certification (MOC) has approved this course for a maximum of **20.0 MOC Part II credits.c.**

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 **3.0** 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 **4.25** credits toward meeting the requirement under California Assembly Bill 1820, Geriatric Medicine for internists and family practice physicians licensed in California to complete 20% of their ongoing mandatory continuing medical education if their practice is comprised of a patient population of which 25% is aged 65 years or older.

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 (CME Credit): Application for credit has been filed with the California Division of Workers Compensation- Medical Unit for Qualified Medical Evaluator credit. *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.

WEDNESDAY - SATURDAY
October 31 - November 3, 2012



The Neurological Disease
session is sponsored by:



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
Associate Professor, Medical Director,
Occupational Health Services, Division of
Occupational and Environmental Medicine
University of California, San Francisco

ABPM MOC Approved

Endorsed by the Agency for Toxic
Substances and Disease Registry

Occupational and Environmental Factors in Neurological Disease

WEDNESDAY, OCTOBER 31, 2012

3:00 pm	<i>Workshop Registration</i>	
4:00-	Hands-On Workshops (additional fee required-enrollment limited)	
5:30 pm	1. Electrophysiological Testing	Anne Poncelet, MD
	2. Neuropsychiatric Testing	Joel Kramer, PsyD
	3. Neurological Examination	Jonathan S. Rutchik, MD, MPH

6:30-8:00 pm *Conference Opening Reception and Scientific Poster Session*

OCCUPATIONAL AND ENVIRONMENTAL FACTORS IN NEUROLOGICAL DISEASE THURSDAY, NOVEMBER 1, 2012 • ONE DAY ONLY

7:30 am	<i>Registration/Continental Breakfast</i>	
8:15	Introductory Keynote: Neurologic Disease and Environmental Exposures – Evidence and Opportunity from Applied Research	Tom Sinks, PhD
8:40	▲ Chemical Triggers of Peripheral Neuropathy	Peter Spencer, PhD
9:20	◆ Metal Neurotoxicants	Brian Schwartz, MD, MS
10:00	<i>Break</i>	
10:20	◆ Occupational and Environmentally-related Central Nervous System Degenerative Disease	Caroline M. Tanner, MD, PhD
11:00	◆ Hearing Loss: Exposure Cofactors in Noise-induced Loss	Laurence Fechter, PhD
11:40	Occupational Exposures and the Special Senses: Sight, Smell, and Taste	Donald A. Fox, PhD
12:20 pm	<i>Lunch (on your own)</i>	
1:40	Red Tide Toxin as a Paradigm for Biological Neurotoxins – Implications for Work-related and Environmental Exposures	Lora Fleming, MD, MPH, PhD
2:20	Sympathetic Nervous System as a Target Organ	Howard Kipen, MD
3:00	◆ Cerebellar Manifestations of Occupational and Environmental Toxicant Exposure	Roberto Lucchini, MD
3:40	<i>Break</i>	
4:10	▲ Overuse Neuropathy: Evolving Concepts	Edward Diao, MD
4:50	Emerging Neurotoxins	Jordan Firestone, MD, PhD, MPH
5:30	Concluding Panel Session: Setting the Future Agenda	Ellen Widess, JD Markku Sainio, MD, PhD Bruce Bernard, MD, MPH
6:15 pm	<i>Adjourn</i>	

OCCUPATIONAL AND ENVIRONMENTAL MEDICINE UPDATE FRIDAY, NOVEMBER 2, 2012 • DAY ONE

7:00 am	<i>Registration/Continental Breakfast</i>	
7:45	Introduction	Paul D. Blanc, MD, MSPH
8:00	◆ Carcinogens: Is My Cancer Work-related?	Michael Fischman, MD, MPH
8:45	Chlorinated Solvents: Worker and Environmental Issues	Robert Harrison, MD, MPH
9:30	Histoplasmosis, Coccidiomycosis, and Blastomycosis in Occupational Groups	Bruce Leistikow, MD, MS Rupali Das, MD, MPH
10:15	<i>Break</i>	
10:30	◆ ▲ Emerging Issues in Metal Toxicity: Metal on Metal Joint Prostheses	Patrick Whiteley, MD
11:15	Lessons Learned: What the Epidemiology of Health Care Worker's Injury Teaches Us About the Prevention of Occupational Injury Generally	Robyn Gershon, MHS, DrPH
12:00 pm	Emergency Response from a Public Health Perspective	Rachel Roisman, MD, MPH
12:45	<i>Lunch (on your own)</i>	
2:00	Electronic Medical Records and Opportunities for Improved Occupational Health	Paul J. Papanek, MD, MPH
2:45	The 'Healthy Work Environment': A New, Integrated Approach to Worker Safety and Health	Barbara Burgel, RN, PhD, COHN-S, FAAN
3:30	<i>Break</i>	
3:45	University Students as an Occupational Health Group	Paul Rountree, MD

◆ – Geriatric Credit ▲ – Pain Credit

Occupational and Environmental Medicine Update

Holiday Inn Fisherman's Wharf Hotel
San Francisco, CA

4:30	Improving Patient Quality by Reducing Health Care Provider Fatigue: Wider Implications for Occupational Medicine?	Robert Kosnik, MD, DIH
5:15 pm	<i>Adjourn</i>	

OCCUPATIONAL AND ENVIRONMENTAL MEDICINE UPDATE SATURDAY, NOVEMBER 3, 2012 • DAY TWO

7:30 am	<i>Continental Breakfast</i>	
8:00	Environmental and Occupational Aspects of Personal Care and Cosmetic Products – Endocrine Disruptors to Nanoparticles to Heavy Metals	Gina Solomon, MD, MPH
9:00	Hydraulic Fracturing and In Situ Extraction: Newer Methods of Resource Exploitation and Their Potential Health Risks	Max Kiefer, MS, CIH
10:00	<i>Break</i>	
10:15	▲ Farmworker Health: Persistent Problems and New Risks	Marc Schenker, MD
11:05	Biodiesel and Other Newer Fuels and Fuel Additives	John Balmes, MD
11:55	Radiation and Human Health – Recent International and Domestic Issues	James Seward, MD, MPP
12:45 pm	<i>Adjourn/Evaluations</i>	

COURSE CHAIRS

Paul D. Blanc, MD, MSPH
Professor of Medicine, Endowed Chair and Division Chief, Division of Occupational and Environmental Medicine, University of California San Francisco

Robert Kosnik, MD, DIH
Associate Professor, and Medical Director, UCSF Occupational Health Services, Division of Occupational and Environmental Medicine, University of California San Francisco

John Balmes, MD
(University of California, San Francisco unless otherwise noted)

Bruce Bernard, MD, MPH
Chief Medical Officer, Health Hazard Evaluations and Technical Assistant Branch, National Institute for Occupational and Environmental Health, Centers for Disease Control and Prevention, Cincinnati, OH

Barbara Burgel, RN, PhD, COHN-S, FAAN
Professor of Clinical Nursing and Adult Nurse Practitioner; Occupational and Environmental Health Nursing Graduate Program

Rupali Das, MD, MPH*
Chief, Exposure Assessment Section, California Department of Public Health, Environmental Health Investigations Branch

Edward Diao, MD
Professor Emeritus of Orthopaedic Surgery

Laurence Fechter, PhD
Associate Director for Research, Loma Linda Veterans Association for Research and Education, Redlands, CA

Jordan Firestone, MD, PhD, MPH
Neurologist and Director of Occupational Health, Stanford University, Stanford, CA

Michael Fischman, MD, MPH*
Fischman Occupational & Environmental Medical Group, Walnut Creek, CA

COURSE FACULTY (CONT'D)

Lora Fleming, MD, MPH, PhD
Co-Director, NSF- NIEHS University of Miami Oceans and Human Health Center, Coral Gables, FL

Donald A. Fox, PhD
Professor, University of Houston School of Optometry, Houston, TX

Robyn Gershon, MHS, DrPH
Professor, Department of Epidemiology and Biostatistics and Philip R. Lee Institute for Health Policy Studies

Robert Harrison, MD, MPH
Professor of Medicine, Division of Occupational and Environmental Medicine; Occupational Health Branch, California Department of Public Health;

Max Kiefer, MS, CIH
Director, Denver Regional Office, National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention, Denver, CO

Howard Kipen, MD
Environmental and Occupational Health Sciences Institute, University of Medicine and Dentistry of New Jersey, Robert Wood Johnson Medical School, New Brunswick NJ

Joel Kramer, PsyD
Professor of Neuropsychology in Neurology

Bruce Leistikow, MD, MS
Chief Physician, Epidemiology & Surveillance, Public Health Unit, California Correctional Health Care Services, Medical Services Division

Roberto Lucchini, MD
Professor and Director of Occupational and Environmental Medicine, Department of Preventive Medicine, Mount Sinai School of Medicine, New York, NY

Paul J. Papanek, MD, MPH
Staff Physician, Occupational Health Service, Kaiser Permanente

Anne Poncelet, MD
Professor of Clinical Neurology; Mr. and Mrs. David George Rowe and Stephen W. Rowe Endowed Chair for Teaching in Neurology

Rachel Roisman, MD, MPH*
Public Health Medical Officer, California Department of Public Health

COURSE FACULTY (CONT'D)

Paul Rountree, MD
Assistant US Occupational Health Manager, ExxonMobil Corporation, Houston, TX

Jonathan S. Rutchik, MD, MPH*
Neurologist, Environmental and Occupational Medicine Associates, Mill Valley, CA

Markku Sainio, MD, PhD
Adjunct Professor in Neurology, Finnish Institute of Occupational Health, Helsinki, Finland

Marc Schenker, MD
Professor, Department of Public Health Sciences, University of California Davis, School of Medicine, Davis, CA

Brian Schwartz, MD, MS
Professor of Environmental Health Sciences, Epidemiology, and Medicine, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

James Seward, MD, MPP*
Clinical Professor of Medicine and Medical Director, Lawrence Livermore National Laboratory, Livermore, CA

Tom Sinks, PhD
Deputy Director, National Center for Environmental Health and Agency for Toxic Substances and Disease Registry, Centers for Disease Control and Prevention, Atlanta, GA

Gina Solomon, MD, MPH*
Deputy Secretary for Science and Health, California Environmental Protection Agency

Peter Spencer, PhD
Professor of Neurology; Senior Scientist, Center for Research on Occupational & Environmental Toxicology; Oregon Health & Science University, School of Medicine, Portland, OR

Caroline M. Tanner, MD, PhD
Director, Clinical Research Parkinson's Institute, Sunnyvale, CA

Patrick Whiteley, MD
Division of Toxicology, Department of Emergency Medicine, Kaiser Hospital, San Jose, CA

Ellen Widess, JD
Chief, California Division of Occupational Safety and Health (CAL-OSHA), Sacramento, CA

* Also clinical medicine faculty member, Occupational and Environmental Medicine, UCSF

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 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.

GENERAL INFORMATION

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

HOW TO ENROLL

Tuition: **\$675** Physicians
\$600 Allied Health Professionals/
 Residents/Fellows

You must call or fax if you would like to register for **only** the Neurological or Occupational Medicine Sections only

Occupational and Environmental Medicine Update Section Only (November 1)

7.75 AMA PRA Category 1 Credits™

\$300 Physicians
\$250 Allied Health Professionals/
 Residents/Fellows

Occupational Medicine Section Only (November 2-3)

12.25 AMA PRA Category 1 Credits™

\$400 Physicians
\$350 Allied Health Professionals/
 Residents/Fellows

Optional Pre-Course Workshops (October 31)

1.5 AMA PRA Category 1 Credits™

\$50 Physicians/Allied Health Professionals/
 Residents/Fellows

Payment can be made by Visa, MasterCard, AmEx or check.

REGISTER VIA:

Online: www.cme.ucsf.edu

Mail: Complete course registration form and send with payment to:
 UCSF Office of CME
 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 will be made on cancellations received after that date.

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. Located among the famed San Francisco waterfront's most celebrated shops, attractions, and restaurants, the Holiday Inn Fisherman's Wharf is just steps away from the historic Cable Car turnaround, Ghirardelli Square, and Pier 39 attractions.

A block of guestrooms has been reserved at the special UCSF conference rate of **\$131/night**. You are urged to make your reservations early. The cut-off date is **Monday, October 1, 2012** or until the group room block is filled.

To make hotel reservations, please call 800-942-7348 and identify yourself as a member of this UCSF conference to receive the special rate. You can also reserve on-line by visiting our website at www.cme.ucsf.edu and clicking the reservation link in the Travel & Lodging section on the course webpage.

By staying at the host hotel, you help UCSF meet its contractual obligations and keep registration fees reasonable. Please take this into consideration when making your accommodation decisions.

RENTAL CAR

Hertz is offering special rates for participants of this conference; simply call 800-654-2240 and refer to convention number # 03BW0131 or call your travel agent. You may also make reservations at www.Hertz.com. Advance reservations are recommended.

AIR TRANSPORTATION

UCSF has negotiated special fares with American and United Airlines for our course attendees. You may use the following tour codes to book on your own:
 American (800) 433-1790 code: 77H2AZ
 United (800) 521-4041 code: 510CF

www.cme.ucsf.edu

Course Registration Form

OCCUPATIONAL AND ENVIRONMENTAL FACTORS IN NEUROLOGICAL DISEASE and OCCUPATIONAL AND ENVIRONMENTAL MEDICINE UPDATE

MDM13N01

October 31 - November 3, 2012

Holiday Inn Fisherman's Wharf • San Francisco, California

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 (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: ____/____/XX
 Month Day

Please indicate if you have any special needs: _____

REGISTRATION FEES (Receipt/Confirmation will be mailed within two to four weeks):

- \$675** Physicians
- \$600** Allied Health Professionals/Residents/Fellows

Optional Pre-Course Workshops (October 31) limited to (40) each
 1.5 AMA PRA Category 1 Credits™

- Choose One Only
- \$50** Electrophysiological Testing
 - \$50** Neuropsychiatric Testing
 - \$50** Neurological Examination

You must call or fax if you would like to register for **only** the Neurological or Occupational Medicine Sections.

OE Factors in Neurological Disease Only (November 1)

7.75 AMA PRA Category 1 Credits™

- \$300** Physicians
- \$250** Allied Health Professionals/Residents/Fellows

Occupational Medicine Section Only (November 2-3)

12.25 AMA PRA Category 1 Credits™

- \$400** Physicians
- \$350** Allied Health Professionals/
Residents/Fellows

Reception/Scientific Poster Session

Please confirm below so we may plan for the appropriate number of people: I will attend the reception (included in tuition) I will not attend

Make checks payable to *UC Regents*

Please charge my credit card: Visa MasterCard AmEx for \$ _____

Card # _____ Expiration date _____

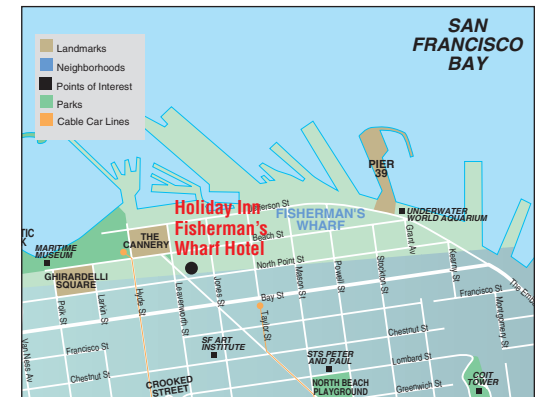
Name on Card (Please Print) _____ Authorized Signature _____

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 Hotel

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 (800) 942-7348 toll-free
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general info