

Department of Epidemiology and Biostatistics
University of California, San Francisco
School of Medicine



15th ANNUAL

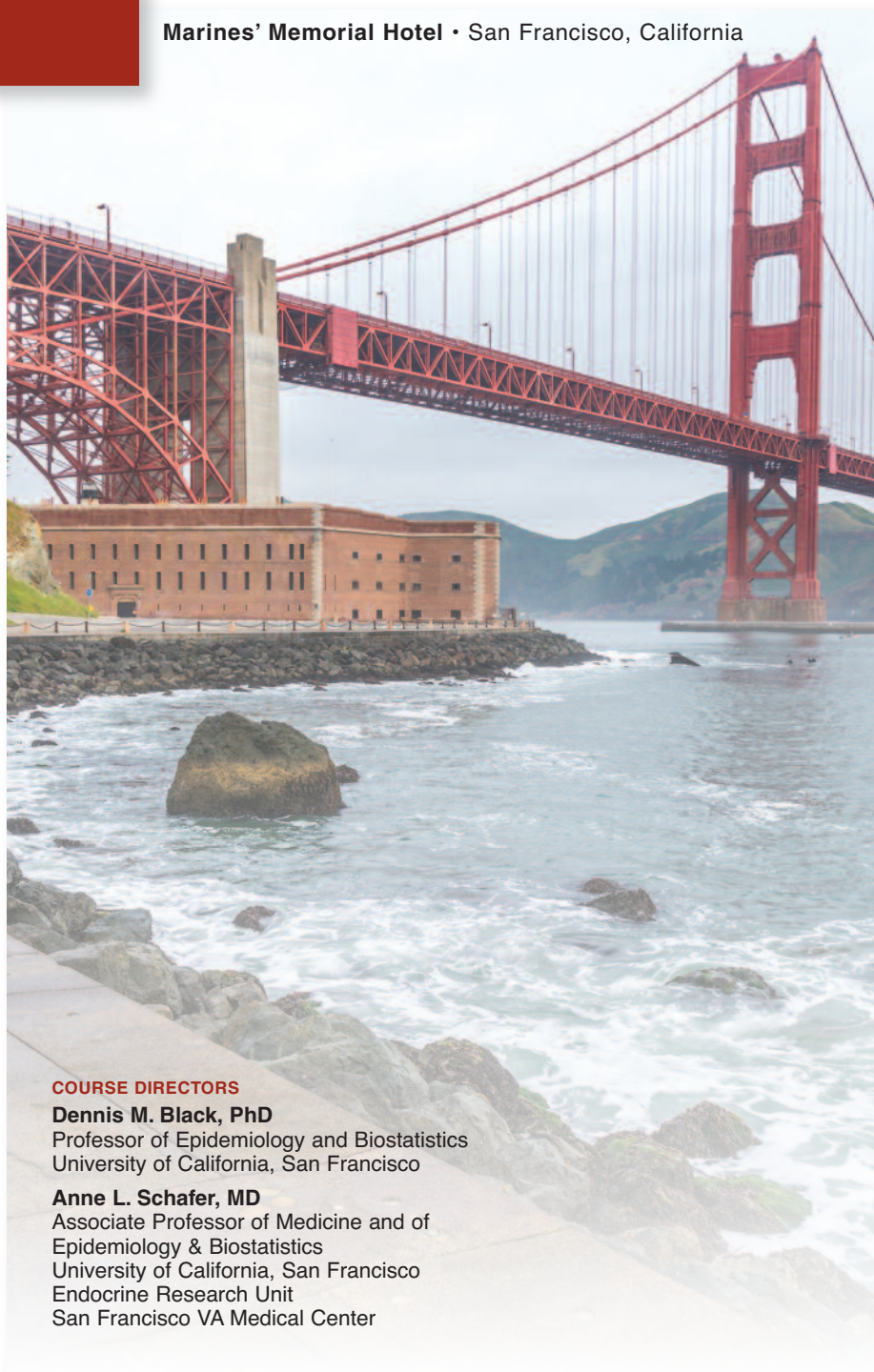
OSTEOPOROSIS

NEW INSIGHTS IN RESEARCH, DIAGNOSIS,
AND CLINICAL CARE

Marines' Memorial Hotel • San Francisco, California

THURSDAY – FRIDAY

July 12-13, 2018



COURSE DIRECTORS

Dennis M. Black, PhD

Professor of Epidemiology and Biostatistics
University of California, San Francisco

Anne L. Schafer, MD

Associate Professor of Medicine and of
Epidemiology & Biostatistics
University of California, San Francisco
Endocrine Research Unit
San Francisco VA Medical Center



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Now in its 15th year, and presented by the Department of Epidemiology and Biostatistics of the University of California, San Francisco School of Medicine, this 2-day course features an expert faculty that will discuss the epidemiology, pathophysiology, diagnosis, and treatment of osteoporosis. Specific topics will include the cell biology of osteoporosis, bone biomechanics, endocrine and nutrition aspects of osteoporosis, and advances in skeletal imaging, such as CT and MRI scanning. The course will also critically review current treatment options and preview new treatments under study. There will be an emphasis on recent developments and current controversies in the etiology, diagnosis, and management of osteoporosis.

TARGET AUDIENCE

The course is designed for physicians and other professionals in health research or clinical care who would find additional scientific background in the disease helpful, including those specifically involved in osteoporosis such as clinical trial managers, statisticians, physical therapists, and radiologic technologists. This year the conference will place more focus on the latest clinical updates on diagnosis and treatments. No prior clinical or scientific training in osteoporosis is required.

OBJECTIVES

- An attendee completing this course will be able to:
- Use bone mineral density with FRAX calculator to diagnose osteoporosis and predict fracture risk according to national treatment guidelines;
 - Provide appropriate non-pharmacological counseling and therapy for osteoporosis prevention and treatment;
 - Provide appropriate pharmacological treatment for osteoporosis, including the use of new therapies;
 - Evaluate the benefits and risks of continuing long-term antiresorptive osteoporosis therapy and determine optimal treatment duration;
 - Diagnose and treat osteoporosis secondary to medication use, including glucocorticoid use.

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 **12.50 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: The approved credits shown above include **12.50** credits toward meeting the requirement under California Assembly Bill 1820, Geriatric Medicine.

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 Internal Medicine (ABIM) MOC: Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to **12.50** MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

July 12-13, 2018

OSTEOPOROSIS

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THURSDAY, JULY 12, 2018

8:00 am *Registration and Continental Breakfast*

INTRODUCTION: BONE BIOLOGY, EPIDEMIOLOGY AND RISK ASSESSMENT

Moderator: Dennis M. Black, PhD

8:30	Bone Structure and Function and the Bone Remodeling Cycle	Dolores M. Shoback, MD
9:05	Q&A	
9:10	Epidemiology and Consequences of Fractures	Ann V. Schwartz, PhD
9:35	Q&A	
9:40	Osteoporosis Screening and Diagnosis: BMD, FRAX and Assessment of Secondary Osteoporosis	Steven T. Harris, MD, FACP
10:20	Q&A	
10:25	<i>Break</i>	
10:45	Beyond BMD + FRAX: Bone Quality and Bone Strength	Mary L. Bouxsein, PhD
11:15	Q&A	
11:20	2018 FEATURED LECTURE The Growing Gap in Osteoporosis Treatment	John P. Bilezikian, MD
11:55	Q&A	
12:00 pm	<i>Lunch (on your own)</i>	

OSTEOPOROSIS TREATMENT I

Moderator: Anne L. Schafer, MD

1:30	Bisphosphonate Therapy	Dennis M. Black, PhD
2:00	Q&A	
2:05	Denosumab Therapy	Nancy Lane, MD
2:20	Q&A	
2:25	SERM, Hormone Therapy, and Calcitonin	Tiffany Kim, MD
2:40	Q&A	
2:45	<i>Break</i>	
3:05	Mechanisms of New Anabolic Therapy	John P. Bilezikian, MD
3:20	Q&A	
3:25	Anabolic Therapy, Alone and in Sequence with Antiresorptives	Anne L. Schafer, MD
3:50	Q&A	
3:55	Approach to Initial Therapy for Osteoporosis	Deborah E. Sellmeyer, MD
4:40	Q&A	
4:50 pm	<i>Adjourn</i>	

GENERAL INFORMATION

Advance registration closes one (1) business day prior to start of course (July 11, 2018). On-site registration fees will be applied after this date.

REGISTRATION INFORMATION

Tuition: **\$495** Physicians
\$395 Nurses/Physician Assistants/
 Allied Health Professionals/
 Residents/Fellows

* On-site registration will be \$50 additional
 Payment may be made by Visa, MasterCard,
 AmEx or check.

A GREENER MEETING

The syllabus will be available electronically approximately 1 week prior to the course throughout the duration of the conference. If you do not receive an email with the link prior to the course, visit the course web page directly at www.cme.ucsf.edu and find the syllabus link the top of the page.

REGISTER VIA:

Online: 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.

On-Site Registration: Generally we are able to accommodate on-site registration at our courses, however, pre-registration is preferred to ensure that we have adequate space.

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

FRIDAY, JULY 13, 2018

8:00 am *Continental Breakfast*

SPECIAL TOPICS IN OSTEOPOROSIS

Moderator: Mary L. Bouxsein, PhD

8:30	Interpretation of DXA Scans	Deborah E. Sellmeyer, MD
9:15	Q&A	
9:20	Physical Activity for Skeletal Health	Wendy L. Katzman, PT, DPTSc
9:50	Q&A	
9:55	Glucocorticoid-Induced Osteoporosis	Jonathan Graf, MD
10:20	Q&A	
10:25	<i>Break</i>	
10:45	Current Recommendations for Calcium and Vitamin D	Clifford J. Rosen, MD
11:10	Q&A	
11:15	Nutrition: Beyond Calcium and Vitamin D	Deborah E. Sellmeyer, MD
11:45	Q&A	
11:50	<i>Lunch</i>	

OSTEOPOROSIS TREATMENT II

Moderator: Anne L. Schafer, MD

1:20 pm	Complications of Antiresorptive Drugs: Addressing Patient Concerns	Douglas Bauer, MD
1:50	Q&A	
1:55	Duration of Antiresorptive Therapy and Approach to Drug Holidays	Clifford J. Rosen, MD
2:20	Q&A	
2:25	What Constitutes "Treatment Failure"?: Deciding When to Switch Therapy	Steven T. Cummings, MD
2:50	Q&A	
2:55	<i>Break</i>	
3:15	Clinical Decision-Making: Case Studies	Dolores M. Shoback, MD
3:55	Q&A	
4:00	Ask for a Consult: Osteoporosis Treatment Roundtable	Chair: Anne L. Schafer, MD Participants: John P. Bilezikian, MD Clifford J. Rosen, MD Deborah E. Sellmeyer, MD Dolores M. Shoback, MD

4:55 pm *Adjourn*

REFUND POLICY

Cancellations received in writing before July 9, 2018 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.

MARINES' MEMORIAL HOTEL Hotel is just steps from Union Square and the Theatre District.

A block of guestrooms has been reserved at the special UCSF conference rate of **\$239/night standard** or **\$259/night deluxe**. You are urged to make your reservations early. The cut off date is **June 18, 2018**, 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 email reservations@marineclub.com.

If you prefer to telephone in your reservation, call 1-800-562-7463 and 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.

RENTAL CAR

Hertz is offering special rates for participants of this conference; simply call 800-654-2240 and refer to convention number # 03BW0137 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 United Airlines for our course attendees. You may use the following offer code to book on your own:

United – www.united.com code: ZZ26868008

REGISTER TODAY!

For more information or to register online visit our website at 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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The UCSF logo, consisting of the letters "UCSF" in a white, sans-serif font, centered on a solid red square background.

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San Francisco, CA
94143-0742

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San Francisco VA Medical Center

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Professor of Pharmacology
Chief, Division of Endocrinology
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CPMC Research Institute,
San Francisco Coordinating Center
Professor Emeritus, University of
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Professor of Medicine
Endocrine Research Unit
University of California,
San Francisco
San Francisco VA Medical Center

faculty

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Mail to : UCSF Office of CME
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San Francisco, CA 94145-0368

Online registration: **cme.ucsf.edu**
Registration Information: (415) 476-5808
Course Information: (415) 476-4251
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: ____ / ____ / **XX**
Month Day

 Please indicate if you have any special needs: _____

Registration Fees*:

- ☐ **\$495** Physicians
☐ **\$395** Nurses/Physician Assistants/Allied Health Professionals/Residents/Fellows

* On-site registration, add an additional \$50

SYLLABUS: The syllabus will be available electronically approximately 1 week prior to the course. If you do not receive an email with the link, you can also go directly to the course web page at **cme.ucsf.edu** and find the syllabus link at the top of the page.

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 **July 9, 2018** 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: **cme.ucsf.edu**.

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609 Sutter Street
San Francisco, CA 94102
hotel.marineclub.org
415-673-6672

