# UCSF Radiology Annual Spring Review: Comprehensive Imaging

March 20-24, 2017

JW Marriott / San Francisco, California

CME Credits: 41

Self-Assessment Credits: 34

NEW: Rapid-Fire, High-Yield Case Sessions



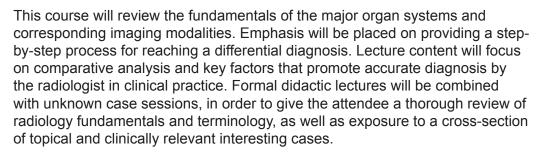
# UCSF Radiology Annual Spring Review March 20-24, 2017

Department of Radiology and Biomedical Imaging https://radiology.ucsf.edu/cme

JW Marriott - San Francisco, California

### **Outline**

The Department of Radiology at the University of California San Francisco is proud to present its Annual Review course. This comprehensive radiology overview is appropriate for residents, clinical fellows and practicing radiologists interested in updating their working knowledge, by covering all the major radiology subspecialties. The course is designed to represent the breadth and depth of experience from each of UCSF Radiology's subspecialty sections, with presentations by faculty who are recognized for their clinical knowledge and dedication to teaching.



The course will include the following "non-Interpretive" lectures that are essential to general clinical radiology practice: CT/MR Safety, Ultrasound Technical Tips & Artifacts, IV Contrast, Nuc Med Quality Control, Practical CT/MR Physics.

### **NEW: Rapid-Fire, High-Yield Case Sessions**

The goal of these two evening sessions is to show a large number of routine and not-so-common cases in a short amount of time, with a focus on how to approach an unknown case and guidelines that help to quickly narrow-down a differential diagnosis. These sessions will be held on Tuesday and Thursday evenings, and led by UCSF Radiology Faculty who are well-known for relaying practical information and sharing key teaching points.

#### **Objectives**

At the completion of this course, the attendee should be able to:

- 1. Identify imaging fundamentals of each of the radiology sub-specialties (organ systems);
- 2. Prescribe the appropriate utilization of imaging modalities (CT, MR, US, Mammography, Nuc Med) for different medical conditions;
- 3. Implement the appropriate imaging protocols for routine clinical presentations;
- 4. Recognize indications and markers for interventional procedures, as well as assessment of outcomes:
- 5. Apply classifications of pathophysiological mechanisms underlying human disease to facilitate differential diagnosis;
- 6. Refine imaging criteria to optimize image quality/findings and improve diagnostic interpretation.



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### Registration

Pre-registration is encouraged to ensure your space in this course.

Save \$75 when pre-registering by January 20, 2017.

TUITION \$1,400 for for all medical professionals. Registration discounts are available for qualifying attendees, the registration form on the last page.

Save \$50 per person when three or more residents from the same medical institution pre-register for this course! Group discount requests must be mailed or faxed (form on last page). Applications must be received simultaneously to qualify; discounts will not be offered retroactively.

You must provide an email address to receive advance course and syllabus information.



The University of California, San Francisco School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

UCSF designates this live activity for a maximum of 41.0 AMA PRA Category 1 Credits™

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

The total credits are inclusive of 13.0 in CT, 11.25 in MR, 6.5 in Ultrasound, 3.25 in Breast Imaging, and 4.75 in Nuclear Medicine (PET).

This educational activity meets the requirement under California State Assembly Bill 1195, continuing education and cultural and linguistic competency.

#### ABR Self-Assessment Credits SA

A total of 34.0 Self-Assessment Activities (SA-CME) will be offered for each of the subspecialties listed below. Quiz questions will be included in the lectures indicated with "SA" on the schedule.

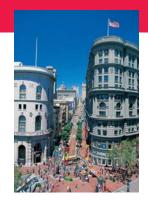
2.5 in Breast4.0 in Gastrointestinal3.5 in Neuro3.5 in Ultrasound3.5 in Genitourinary3.75 in Nuc Med1.5 in Cardiac2.5 in Interventional2.5 in Pediatrics

3.5 in Pulmonary 3.25 in Musculoskeletal

As of January 1, 2013, updated MOC Part 2 requirements: 75 CME credits every three years, at least 25 of which must be self-assessment activities (SA-CME, which includes SAMs). For further information: www.theabr.org.

#### Schedule at-a-Glance

	<u>Morning</u>	<u>Afternoon</u>	Evening Rapid-Fire Cases
Monday	Pulmonary	Nuc Med	(no session)
Tuesday	Gastrointestinal	Interventional	GI-GU / Chest / Nucs / Peds
Wednesday	Breast / Cardiac	ObGyn US	(no session)
Thursday	Genitourinary	Pediatrics	US / Breast / Neuro / MSK
Friday	Neuro	Musculoskeletal	(no session)



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**Faculty** are affiliated with UCSF Medical Center unless indicated otherwise.

Brett M. Elicker, MD Course Chair

Associate Professor of Clinical Radiology Chief, Cardiac and Pulmonary Imaging

**Spencer C, Behr, MD**Assistant Professor of Radiology

Robert D. Boutin, MD
Professor of Clinical Radiology
UC Davis School of Medicine

Matthew D. Bucknor, MD Assistant Professor of Radiology

**Bianca Carpentier, MD**Assistant Professor of Radiology

Miles B. Conrad, MD, MPH
Assistant Clinical Professor of Radiology

Jesse Courtier, MD Course Co-Chair Associate Clinical Professor of Radiology

Vickie A. Feldstein, MD Professor of Clinical Radiology, and of Obstetrics, Gynecology and

Reproductive Sciences
Nicholas Fidelman, MD

Assistant Professor of Radiology

**Christine M. Glastonbury, MBBS**Professor of Clinical Radiology, and of Otolaryngology and Radiation Oncology

Orit A. Glenn, MD Professor of Radiology

Ruth B. Goldstein, MD
Professor of Radiology, and of
Obstetrics, Gynecology and
Reproductive Sciences
Chief, Ultrasound

**Heather I. Greenwood, MD**Assistant Professor of Radiology

Randall A. Hawkins, MD, PhD Professor of Radiology

**Jessica H. Hayward, MD**Assistant Professor of Radiology

Travis S. Henry, MD
Assistant Professor of Radiology

**Christopher P. Hess, MD, PhD**Professor of Radiology
Chief, Neuroimaging

Michael D. Hope, MD

Assistant Professor of Radiology

Thomas A. Hope, MD Assistant Professor of Radiology

Priyanka Jha, MD
Assistant Professor of Radiology

Bonnie N. Joe, MD, PhD

Professor of Radiology Chief, Breast Imaging

Maureen P. Kohi, MD
Associate Professor of Radiology

Amie Y. Lee, MD
Assistant Professor of Radiology

Benjamin Levine, MD
Assistant Professor of Radiology
UCLA Medical Center

Thomas M. Link, MD, PhD
Professor of Radiology
Chief, Musculoskeletal Imaging

Terry C.P. Lynch, MD
Clinical Professor of Radiology

**John D. MacKenzie, MD**Associate Professor of Radiology
Chief, Pediatric Imaging

Carina Mari Aparici, MD Associate Professor of Radiology

Tara A. Morgan, MD
Assistant Professor of Radiology

John T. Mongan, MD, PhD Assistant Professor of Radiology

Daria Motamedi, MD Assistant Professor of Radiology

David M. Naeger, MD

Associate Professor of Clinical Radiology

Assistant Director, Nuclear Medicine Residency Program

Michael A. Ohliger, MD, PhD Assistant Professor of Radiology

Karen G. Ordovás, MD Associate Professor of Radiology

Miguel H. Pampaloni, MD, PhD Associate Professor of Radiology Chief, Nuclear Medicine

Andrew S. Phelps, MD
Assistant Professor of Radiology

Liina Poder, MD

Professor of Clinical Radiology

Kimberly M. Ray, MD

Assistant Professor of Radiology Associate Chief, Breast Imaging

Bhavya Rehani, MD

Assistant Professor of Radiology

Vinil Shah MD

Assistant Professor of Radiology

Ramya Srinivasan, MD

Assistant Professor of Radiology

Lori M. Strachowski, MD

Professor of Radiology, and of Obstetrics, Gynecology and Reproductive Sciences Chief, Ultrasound

Zuckerberg SF General Hospital

Derek Sun, MD

Assistant Professor of Radiology

Jason F. Talbott, MD, PhD Assistant Professor of Radiology

Alina Uzelac, DO

Assistant Clinical Professor of Radiology

Emily M. Webb, MD

Associate Professor of Clinical Radiology

Stefanie Weinstein, MD

Associate Professor of Radiology Assistant Director, Radiology Residency Chief, Ultrasound,

Veterans Affairs Medical Center

Antonio C. Westphalen, MD, PhD Associate Professor of Radiology

Mark W. Wilson, MD

Professor and Vice-Chair of Radiology Chief, Radiology Services Zuckerberg SF General Hospital

Judy Yee, MD, FACR

Professor and Vice-Chair of Radiology Chief, Radiology Service Veterans Affairs Medical Center

Benjamin M. Yeh, MD Professor of Radiology

Esther L. Yuh, MD, PhD

Associate Professor of Radiology

Ronald J. Zagoria, MD, FACR Professor of Radiology Chief, Abdominal Imaging

Matthew Zapala, MD, PhD Assistant Professor of Radiology

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### **Course Program**

### Monday, March 20, 2017

7:15 am Continental Breakfast

### **Pulmonary**

8:00 am	HRCT of the Lung: Findings-Based Approach sa	Brett M. Elicker, MD
	to Diagnosis - Part 1	
8:45	HRCT of the Lung - Part 2 SA	Brett M. Elicker, MD
9:30	Large Airways Diseases sa	Travis S. Henry, MD
9:50	Recess	
10:10	CT/PET of Pulmonary Nodules sa	David M. Naeger, MD
10:40	Lung Cancer Staging sa	David M. Naeger, MD
11:00	Imaging of the Pleura sa	Travis S. Henry, MD
11:25	CT/PET of Other Thoracic Tumors <sup>SA</sup>	David M. Naeger, MD
11:50	Recess	

### **Nuclear Medicine**

12:50 pm	Gastrointestinal Diagnosis <sup>SA</sup>	Thomas A. Hope, MD
1:20	Whole Body PET Oncology <sup>sa</sup>	Thomas A. Hope, MD
1:50	Genitourinary Diagnosis SA	Spencer C. Behr, MD
2:20	Thyroid/Parathyroid Imaging <sup>sa</sup>	Miguel H. Pampaloni, MD, PhD
2:40	Recess	
3:00	Cardiac Diagnosis SA	Miguel H. Pampaloni, MD, PhD
3:30	Lung Diagnosis <sup>SA</sup>	David M. Naeger, MD
3:50	Brain Imaging <sup>SA</sup>	Randall A. Hawkins, MD, PhD
4:10	Quality Control SA	David M. Naeger, MD
4:30	Musculoskeletal Imaging sa	Carina Mari Aparici, MD
5:00	Adjourn	

sa Lecture includes Self-Assessment (SA-CME).

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### **Course Program**

### Tuesday, March 21, 2017

7:15 am Continental Breakfast

### Gastrointestinal

8:00 am	Fluoroscopy <sup>SA</sup>	Spencer C. Behr, MD
8:30	CT/MR of the Acute Abdomen SA	Derek Sun, MD
9:15	Pancreatic Tumors and Diseases SA	Judy Yee, MD
10:00	Recess	
10:20	Biliary Tract <sup>SA</sup>	Benjamin M. Yeh, MD
10:50	Liver Disease <sup>SA</sup>	Thomas A. Hope, MD
11:20	Practical Physics for the Radiologist: CT <sup>sa</sup>	Michael A. Ohliger, MD, PhD
11:45	Practical Physics for the Radiologist: MR <sup>sa</sup>	Michael A. Ohliger, MD, PhD
12:20 pm	Recess	

### Interventional

1:20 pm	Vascular Diagnosis sa	Miles B. Conrad, MD, MPH
2:00	Arterial Interventions <sup>SA</sup>	Maureen P. Kohi, MD
2:40	Venous Interventions <sup>SA</sup>	Mark W. Wilson, MD
3:20	Non-Vascular Interventional Procedures SA	Nicolas Fidelman, MD
4:00	Adjourn	

### Evening Session 1: Rapid-Fire, High-Yield Cases

6:00 pm	GI / GU Cases	Emily M. Webb, MD
7:00	Thoracic Cases	Brett M. Elicker, MD
8:00	Nuclear Medicine Cases	David M. Naeger, MD
8:30	Pediatric Cases	Jesse Courtier, MD
9:00	Adjourn	

<sup>&</sup>lt;sup>sa</sup> Lecture includes Self-Assessment (SA-CME).

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### **Course Program**

### Wednesday, March 22, 2017

7:15 am Continental Breakfast

### **Breast Imaging**

8:00 am	Masses and Asymmetries <sup>sa</sup>	Kimberly M. Ray, MD
8:30	Calcifications <sup>sa</sup>	Heather I. Greenwood, MD
9:00	Breast MRI SA	Bonnie N. Joe, MD, PhD
9:30	Radiology-Pathology Concordance sa	Amie Y. Lee, MD
10:00	Breast Ultrasound sa	Jessica H. Hayward, MD
10:30	Recess	

### Cardiac

10:50 am	CT/MRI of Acquired Heart Disease: Top Diagnoses SA	Karen G. Ordovás, MD
11:20	Aorta, Coronaries and Pulmonary Arteries sa	Michael D. Hope, MD
11:50	CT/MRI of Congenital Heart Disease: Top Diagnoses SA	Karen G. Ordovás, MD
12:20 pm	Recess	

### ObGyn/Ultrasound

1:20 pm	Key Points in the First Trimester SA	Liina Poder, MD
1:40	Key Points in the Second Trimester <sup>SA</sup>	Ruth B. Goldstein, MD
2:10	Most Relevant Fetal Anomalies sa	Vickie A. Feldstein, MD
2:40	Female Pelvis: Uterus/Adnexa sa	Liina Poder, MD
3:00	Vascular Ultrasound <sup>sa</sup>	Stefanie Weinstein, MD
3:20	Recess	
3:40	Abdominal Ultrasound sa	Tara A. Morgan, MD
4:00	Genitourinary Ultrasound sa	Bianca Carpentier, MD
4:30	Ultrasound Technical Tips/Artifacts <sup>SA</sup>	John T. Mongan, MD, PhD
4:50	Key Points for Thyroid Imaging and Biopsy sa	Ruth B. Goldstein, MD
5:10	Adjourn	

<sup>&</sup>lt;sup>SA</sup> Lecture includes Self-Assessment (SA-CME).

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### **Course Program**

### Thursday, March 23, 2017

7:15 am Continental Breakfast

### Geintourinary

8:00 am	Benign Gynecologic Disease SA	Liina Poder, MD
8:25	Malignant Gynecologic Disease sa	Michael A. Ohliger, MD, PhD
8:50	Non-Tumorous Renal Disease sa	Priyanka Jha, MD
9:30	Renal & Adrenal Masses sa	Ronald J. Zagoria, MD
10:10	Recess	
10:30	Intravenous Contrast sa	Ronald J. Zagoria, MD
11:00	Bladder, Prostate, Urethra sa	Antonio C. Westphalen, MD, PhD
11:30	Playing It Safe: What you Need to Know sa	John T. Mongan, MD, PhD
	About CT/MR Safety	
11:50	Recess	

### **Pediatrics**

12:50 pm	Building Blocks of Pediatric Musculoskeletal Imaging <sup>SA</sup>	John D. MacKenzie, MD
1:20	Pediatric Acute Abdomen: Pearls & Pitfalls SA	Jesse Courtier, MD
1:50	Pediatric Scrotal Imaging: the "T"s sa	Jesse Courtier, MD
2:10	Pediatric Chest: What Not-to-Miss sa	Matthew Zapala, MD, PhD
2:30	Updates in Non-Accidental Trauma sa	Matthew Zapala, MD, PhD
3:00	Important Pediatric Abdominal Masses SA	Andrew S. Phelps, MD
3:30	Don't-Miss Pediatrics Cases	Andrew S. Phelps, MD
4:00	Adjourn	

### Evening Session 2: Rapid-Fire, High-Yield Cases

6:00 pm	Ultrasound Cases	Lori M. Strachowski, MD
6:45	Breast Cases	Lori M. Strachowski, MD
7:30	Neuro Cases	Christine M. Glastonbury, MBBS
8:15	Musculoskeletal Cases	Daria Motamedi, MD
9:00	Adjourn	

<sup>&</sup>lt;sup>SA</sup> Lecture includes Self-Assessment (SA-CME).

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### **Course Program**

### Friday, March 24, 2017

7:15 am Continental Breakfast

### Neuro

8:00 am	Essentials of Pediatric Neuroradiology <sup>SA</sup>	Orit A. Glenn, MD
8:30	Head & Neck Anatomy & Pathology Primer SA	Alina Uzelac, DO
9:00	Markers for Head Trauma sa	Esther L. Yuh, MD, PhD
9:30	Brain Infections SA	Jason F. Talbott, MD, PhD
10:00	Recess	
10:20	Imaging of Stroke <sup>sa</sup>	Bhavya Rehani, MD
10:50	Classification of Brain Tumors SA	Christopher P. Hess, MD, PhD
11:20	Value-Based Imaging of the Spine sa	Vinil N. Shah, MD
11:50	Recess	

### Musculoskeletal

12:50 pm	Skeletal Trauma: Extremities sa	Terry C.P. Lynch, MD
1:20	Arthritis and Infection <sup>sa</sup>	Thomas M. Link, MD, PhD
1:50	Shoulder: Rotator Cuff and Instability SA	Matthew D. Bucknor, MD
2:20	Recess	
2:40	Knee: Meniscus and Ligaments sa	Ramya Srinivasan, MD
3:10	Metabolic <sup>sa</sup>	Robert D. Boutin, MD
3:30	Tumors & Tumor-like Conditions SA	Robert D. Boutin, MD
4:00	Musculoskeletal Ultrasound SA	Benjamin Levine, MD
4:30	Adjourn	

<sup>&</sup>lt;sup>SA</sup> Lecture includes Self-Assessment (SA-CME).

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800-228-9290 or 415-771-8600

515 Mason Street (at Post), San Francisco, CA 94102

\$289 per night, includes in-room hi-speed internet. Reservation deadline: Monday, February 27, 2017.

To ensure the conference rate, make your reservation with the hotel directly by using the website or phone numbers listed above. Please remember that staying at the host hotel helps UCSF meet its contractual obligations and keep registration fees reasonable.

With a style all its own, the architecturally stunning JW Marriott San Francisco takes center stage in Union Square, the cultural heart of San Francisco. Step into a world of luxury, and walk across the street for the finest shopping and dining. A wide array of boutiques, galleries, museums and theaters are all within a few blocks.

Retreat to comfort and attention to detail in spacious, sophisticated rooms. Recently remodeled rooms offer large LCD TV's with plug-in panel for a fully adaptable space. A smoke-free hotel, the hotel also offers a state-of-the-art fitness center. The dramatic atrium is the setting for the lounge and restaurant, where a menu of innovative and tempting food & libations are shared.

Reservation requests made after 2/27/17 cannot be guaranteed and will be extended on a space and rate-available basis only. A credit card is required to confirm your reservation. Room rate includes in-room internet (reg. \$15 per day). Rates exclude state & local taxes, approximately 16.25% (subject to change). Valet parking: \$64 per day, \$74 for oversize vehicles (plus tax), no self-park. Conference room rates will be extended 2 days pre-/ post- the conference dates (based on availability). Discounted car rentals with Hertz can be arranged onsite for hotel guests. Reservations may be cancelled up to 48 hours prior to arrival, or a one night's stay will be charged.

Reserve your room by February 27, 2017 to be automatically included in a drawing onsite for two attendees to receive two complimentary room-nights! (\$580 savings, minimum five-nights stay required).

### Air Travel https://radiology.ucsf.edu/cme/sf travel

UCSF Radiology has negotiated discounted fares with Delta and United Airlines for radiology course attendees. You may use the following tour codes to book online or by phone (add'l fee via phone):

http://tinyurl.com/www-delta-com-book Delta 800-328-1111

code: NMNKQ

http://tinyurl.com/www-united-com-book United 800-426-1122

code: ZWZB714473

Flights can be arranged to either San Francisco (SFO) or Oakland (OAK) airports. BART subway service (the least expensive transit option), shuttle vans and taxis are available from both airports to downtown San Francisco.

For more information on transit options to/from both SFO and OAK airports, visit:

SFO: www.flysfo.com OAK: www.oaklandairport.com

### Bay Area Rapid Transit (BART) To/From SFO & OAK

www.bart.gov

BART trains connect the cities surrounding San Francisco within the Bay Area, including SFO and OAK airports. BART travels to/from both SFO and OAK to the downtown SF underground transit stations along Market Street, and is the least expensive transit option.

The JW Marriott is just five short blocks from the Powell Station, which is about a 25-minute ride from either SFO or OAK. For schedules, travel times and costs from both airports, visit the website listed above.

### Bay Area Trip Planner http://transit.511.org

Enter your origin and destination points to get public transit options (BART/MUNI), travel times and fare costs to/from both SFO and OAK.

### **Local Transportation**

www.sfmta.com San Francisco Municipal Railway (MUNI)

SF MUNI operates buses, streetcars and the subway within the city. Weeklong passes, coupon booklets, and one-. three- and seven- day passports make getting around SF much easier and less expensive. For information on the types of services offered, passes, costs and ticket purchase locations, visit the website listed above. Note: always ask for a free transfer/fare receipt as proof of payment. in order to avoid fines/tickets. MUNI does not connect to either airport.

#### **Hertz Car Rental**

www.hertz.com / 800-654-2240 Meeting code: CV# 01SY0263

A rental car is not necessary for your stay: however, there are several downtown Hertz locations for arranging day- or side-trips outside the city. Book online or call the Hertz Convention Desk using the phone number and meeting code listed above. There is a Hertz reservation desk in the JW Marriott.

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### REGISTRATION

**UCSF RADIOLOGY ANNUAL SPRING REVIEW (RAD17 024)** 

March 20–24, 2017 / JW Marriott, San Francisco Early Enrollment Deadline: Friday, January 20, 2017

Four easy ways to register:

Name\_

Address \_\_

- 1. Mail this form to UCSF Office of CME, PO Box 45368, San Francisco, CA 94145-0368
- 2. Phone using Visa, Amex or Mastercard. 415-476-5808, 8:30 am-4:00 pm (Pacific Time)

Degree

3. Online at http://cme.ucsf.edu 4. Fax this form to 415-502-1795

#### **REGISTRANT INFORMATION (PLEASE PRINT)**





Payment may be made by credit card or by check or money order drawn on a U.S. bank in U.S. currency. We regret that we cannot accept checks drawn on foreign banks. Enrollment confirmation will be mailed to you within two weeks of receipt of the application. In the unlikely event that the program is cancelled, UCSF Radiology will refund the registration fee in full, but cannot be responsible for any hotel or travel costs.

Cancellation A refund of the enrollment fee, less \$75, will be made upon receipt of a <u>written request only</u> by Friday, March 3, 2017. No refunds will be made after this date.