

UCSF Radiology Annual Review: Comprehensive Imaging

March 12-16, 2018

JW Marriott / San Francisco, California

CME Credits: 34

SAM Credits: 28

includes Rapid-Fire, High-Yield Cases Sessions



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JW Marriott - San Francisco, California

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

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.

This course will review the fundamentals of the major organ systems and corresponding imaging modalities. Emphasis will be placed on providing a step-by-step process for reaching a differential diagnosis. Lecture content will focus on comparative analysis and key factors that promote accurate diagnosis by the radiologist in clinical practice. Formal didactic lectures will be combined with unknown case sessions, in order to give the attendee a thorough review of radiology fundamentals and terminology, as well as exposure to a cross-section of topical and clinically relevant interesting cases.

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, Practical CT/MR Physics.

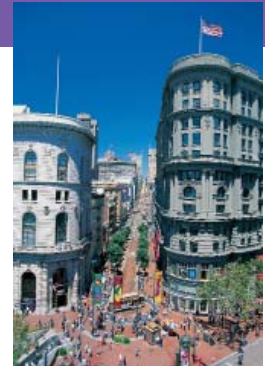
Objectives

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.

Schedule at-a-Glance

	<u>Morning</u>	<u>Afternoon</u>
<i>Monday</i>	Gastrointestinal	Genitourinary
<i>Tuesday</i>	Thoracic	Physics / Safety
<i>Wednesday</i>	Pediatrics	Nuc Med / Interventional
<i>Thursday</i>	Ultrasound	Breast
<i>Friday</i>	Neuro	Musculoskeletal



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Registration

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

Save \$75 when pre-registering by January 12, 2018.

TUITION \$1,395 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.

Accreditation

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 **34 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 11.5 in CT, 10.0 in MR, 5.75 in Ultrasound, 3.0 in Breast Imaging, and 2.0 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 (SAM) Credits ^{SA}

A total of **28** Self-Assessment Activities (SAM) will be offered for each of the subspecialties listed below (pending approval and subject to change). Quiz questions will be included in the lectures indicated with "SA" on the schedule.

2.00 in Breast	3.25 in Gastrointestinal	2.50 in Neuro
3.00 in Ultrasound	2.50 in Genitourinary	1.00 in Nuc Med
3.75 in Thoracic	2.50 in Musculoskeletal	2.00 in Interventional
2.50 in Pediatrics	2.00 in Non-Interpretive Skills	

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. For further information: www.theabr.org.

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Faculty are affiliated with UCSF Medical Center unless indicated otherwise.

Brett M. Elicker, MD

Course Chair

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

Soonmee Cha, MD

Professor of Radiology
Vice-Chair of Education
Director, Radiology Residency Program
Director, Spine Intervention

Jesse Courtier, MD

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

Ruth B. Goldstein, MD

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

Heather I. Greenwood, MD

Assistant Professor of Radiology

Jessica H. Hayward, MD

Assistant Professor of Radiology

Travis S. Henry, MD

Associate Professor of Radiology

Michael D. Hope, MD

Associate Professor of Radiology

Thomas A. Hope, MD

Assistant Professor of Radiology

Priyanka Jha, MBBS

Assistant Professor of Radiology

Bonnie N. Joe, MD, PhD

Professor of Radiology
Chief, Breast Imaging

Kimberly G. Kallianos, MD

Assistant Professor of Radiology

Maureen P. Kohi, MD

Associate Professor of Radiology
Chief of Interventional Radiology

K. Pallav Kolli, MD

Assistant Professor of Radiology

Amie Y. Lee, MD

Assistant Professor of Radiology

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

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
Associate Chair for Education

Michael A. Ohliger, MD, PhD

Assistant Professor of Radiology

Matthew D. Bucknor, MD

Assistant Professor of Radiology

Rina Patel, MD

Assistant Professor of Radiology

Liina Poder, MD

Professor of Clinical Radiology

Vinil N. Shah MD

Assistant Professor of Radiology

Dorothy J. Shum, 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

Associate Clinical Professor of Radiology

Javier Villanueva-Meyer, MD

Assistant Professor of Radiology

Emily M. Webb, MD

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

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 12, 2018

7:15 am Registration and Continental Breakfast

Gastrointestinal

8:00 am	Pancreatic Tumors and Mimics ^{SA}	Emily M. Webb, MD
8:45	CT/MR of the Acute Abdomen ^{SA}	Derek Sun, MD
9:30	Imaging of Colon Cancer ^{SA}	Emily M. Webb, MD
9:55	Recess	
10:15	Biliary Tract ^{SA}	Benjamin M. Yeh, MD
10:45	Liver Disease ^{SA}	Thomas A. Hope, MD
11:15	Fluoroscopy ^{SA}	Spencer C. Behr, MD
11:45	Adjourn	

Genitourinary

1:15 pm	Benign Gynecologic Disease ^{SA}	Liina Poder, MD
1:40	Malignant Gynecologic Disease ^{SA}	Michael A. Ohliger, MD, PhD
2:05	Non-Tumorous Renal Disease ^{SA}	Priyanka Jha, MBBS
2:45	Recess	
3:05	Renal & Adrenal Masses ^{SA}	Ronald J. Zagoria, MD, FACR
3:45	Bladder, Prostate, Urethra ^{SA}	Antonio C. Westphalen, MD, PhD
4:00	Rapid-Fire Cases: GI/GU	Stefanie Weinstein, MD
5:00	Adjourn	

^{SA} Lecture includes Self-Assessment (SA-CME).

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Course Program

Tuesday, March 13, 2018

7:15 am Continental Breakfast

Thoracic, Pulmonary

8:00 am	HRCT of the Lung: Findings-Based Approach to Diagnosis ^{SA}	Brett M. Elicker, MD
9:00	CT/PET of Pulmonary Nodules ^{SA}	David M. Naeger, MD
9:30	The Lateral Chest Radiograph ^{SA}	Travis S. Henry, MD
9:50	Recess	
10:10	Lung Cancer Staging ^{SA}	David M. Naeger, MD
10:30	CT/PET of Mediastinal Tumors ^{SA}	David M. Naeger, MD
10:50	Rapid-Fire Cases: Thoracic	Brett M. Elicker, MD
11:45	Adjourn	

Cardiac, Physics, Safety

1:15 pm	Imaging of the Heart: Top 10 Diagnoses ^{SA}	Kimberly G. Kallianos, MD
2:00	Vascular Diseases of the Thorax ^{SA}	Michael D. Hope, MD
2:30	Recess	
2:50	Practical Physics for the Radiologist: CT ^{SA}	Michael A. Ohliger, MD, PhD
3:15	Practical Physics for the Radiologist: MR ^{SA}	Michael A. Ohliger, MD, PhD
3:50	Ultrasound Technical Tips/Artifacts ^{SA}	John T. Mongan, MD, PhD
4:10	IV Contrast Use Update ^{SA}	Ronald J. Zagoria, MD, FACR
4:40	Playing it Safe: What You Need to Know ^{SA}	John T. Mongan, MD, PhD
	About CT/MR Safety	
5:00	Adjourn	

^{SA} Lecture includes Self-Assessment (SA-CME).

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Course Program

Wednesday, March 14, 2018

7:15 am Continental Breakfast

Pediatrics

8:00 am	The Building Blocks of Pediatric Musculoskeletal Imaging ^{SA}	John D. MacKenzie, MD
8:30	Imaging the Pediatric Acute Abdomen: Pearls & Pitfalls ^{SA}	Jesse Courtier, MD
9:00	Pediatric Scrotal Imaging: The "Ts" ^{SA}	Jesse Courtier, MD
9:20	Pediatric Chest Imaging: What Not-to-Miss ^{SA}	Matthew Zapala, MD, PhD
9:40	Recess	
10:00	Updates in Non-Accidental Trauma ^{SA}	Matthew Zapala, MD, PhD
10:30	Important Pediatric Abdominal Masses ^{SA}	Andrew S. Phelps, MD
11:00	Don't-Miss Pediatrics Cases	Andrew S. Phelps, MD
11:30	Adjourn	

Nuclear Medicine, Interventional

1:00 pm	When PET Has Low Sensitivity ^{SA}	David M. Naeger, MD
1:30	FDG PET Artifacts and Incidentalomas ^{SA}	Spencer C. Behr, MD
2:00	Rapid-Fire Cases: General Muc Med - 1	David M. Naeger, MD
2:20	Rapid-Fire Cases: General Muc Med - 2	Spencer C. Behr, MD
2:40	Recess	
3:00	Vascular Diagnosis and Interventions ^{SA}	K. Pallav Kolli, MD
3:20	GI/GU Interventions ^{SA}	Nicholas Fidelman, MD
3:40	Percutaneous Biopsies ^{SA}	K. Pallav Kolli, MD
4:00	Portal and Biliary Interventions ^{SA}	Maureen P. Kohi, MD
4:20	Interventional Oncology ^{SA}	Nicholas Fidelman, MD
4:40	Interventions in Women's Imaging ^{SA}	Maureen P. Kohi, MD
5:00	Adjourn	

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Course Program

Thursday, March 15, 2018

7:15 am Continental Breakfast

Ultrasound / ObGyn

8:00 am	Abdominal Ultrasound ^{SA}	Tara A. Morgan, MD
8:20	Key Points for Thyroid Imaging and Biopsy ^{SA}	Tara A. Morgan, MD
8:40	Female Pelvis: Uterus/Adnexa ^{SA}	Liina Poder, MD
9:00	Key Points in the First Trimester ^{SA}	Liina Poder, MD
9:20	Recess	
9:40	Key Points in the Second Trimester ^{SA}	Ruth B. Goldstein, MD
10:10	Most Relevant Fetal Anomalies ^{SA}	Vickie A. Feldstein, MD
10:40	Vascular Ultrasound ^{SA}	Dorothy J. Shum, MD
11:00	Genitourinary Ultrasound ^{SA}	Priyanka Jha, MBBS
11:30	Adjourn	

Breast

1:00 pm	Masses and Asymmetries ^{SA}	Bonnie N. Joe, MD, PhD
1:25	Calcifications ^{SA}	Heather I. Greenwood, MD
1:55	Breast MRI ^{SA}	Bonnie N. Joe, MD, PhD
2:20	Radiology-Pathology Concordance ^{SA}	Amie Y. Lee, MD
2:45	Recess	
3:05	Breast Ultrasound ^{SA}	Jessica H. Hayward, MD
3:30	Rapid-Fire Cases: Ultrasound / ObGyn	Lori M. Strachowski, MD
4:15	Rapid-Fire Cases: Breast.....	Lori M. Strachowski, MD
5:00	Adjourn	

^{SA} Lecture includes Self-Assessment (SA-CME).

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Course Program

Friday, March 16, 2018

7:15 am Continental Breakfast

Neuro

8:00 am	Brain Tumors ^{SA}	Soonmee Cha, MD
8:40	Intracranial Hemorrhage ^{SA}	Esther L. Yuh, MD, PhD
9:10	Brain Infections ^{SA}	Jason F. Talbott, MD, PhD
9:40	Recess	
10:00	Spine Masses ^{SA}	Vinil N. Shah, MD
10:30	Head & Neck Masses ^{SA}	Alina Uzelac, DO
11:00	Rapid-Fire Cases: Neuro	Javier Villanueva-Meyer, MD
11:45	Adjourn	

Musculoskeletal

1:15 pm	Shoulder MRI ^{SA}	Rina Patel, MD
1:40	Knee MRI ^{SA}	Ramya Srinivasan, MD
2:05	Arthritis and Infection ^{SA}	Thomas M. Link, MD, PhD
2:35	Skeletal Trauma ^{SA}	Terry C.P. Lynch, MD
3:05	Recess	
3:25	Metabolic ^{SA}	Robert D. Boutin, MD
3:45	Tumors & Tumor-like Conditions ^{SA}	Robert D. Boutin, MD
4:15	Rapid-Fire Cases: Musculoskeletal	Daria Motamedi, MD
5:00	Adjourn	

^{SA} Lecture includes Self-Assessment (SA-CME).

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JW Marriott Hotel

<https://aws.passkey.com/go/ucsfadmarch2018>

800-228-9290 or 415-771-8600

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

\$310 per night, includes iguest-room hi-speed internet. Reservation deadline: February 26, 2018.

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 2/26/18 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). Conference room rates will be extended 2 days pre-/ post- the conference dates (based on availability). Rates exclude state & local taxes, approximately 16.25% (subject to change). Valet parking: \$76 for daytime, \$66 for over-night, add'l \$10 oversize vehicles (plus tax); no self-park. Discounted car rentals with Hertz can be arranged onsite for hotel guests. Reservations may be cancelled up to 72 hours prior to arrival, or a one-night stay will be charged. In addition to the nightly room-rate, registrants are liable for any hotel taxes, fees, portorage, gratuities and applicable guestroom charges upon check-out.

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):

Delta	http://tinyurl.com/www-delta-com-book	800-328-1111
	code: NMQDC	
United	http://tinyurl.com/www-united-com-book	800-426-1122
	code: ZYUF559912	

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.



Reserve your room by February 26, 2018 to be automatically included in a drawing onsite for four attendees to receive **one complimentary room-night!** (\$310 savings, minimum five-nights stay required).

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# 01SY0264

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 REVIEW (RAD18 024)

March 12-16, 2018 / JW Marriott, San Francisco

Early Enrollment Deadline: Friday, January 12, 2018

Four easy ways to register:

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

REGISTRANT INFORMATION (PLEASE PRINT)

Name _____
First Last Degree

Address _____

Tel _____ Fax _____
Area Code Area Code

E-mail _____

You must provide your email address to receive advance syllabus information.

Paper copies will not be provided on site.

Would you like to receive general UCSF Radiology CME email notices? ☐ Yes ☐ No

Month/Day of Birth for record verification: _____ / _____ / X X
month day

COURSE REGISTRATION

By 1/12/18 After 1/12/18 Loyalty Discount applies only to live courses attended (not home-study)

- | | | | |
|-------------------------------|-------------------------------|-----------------------------|--|
| ☐ \$1,325 | ☐ \$1,395 | Standard Registration | no UCSF Rad paid course 2017 cal year |
| ☐ \$1,185 | ☐ \$1,260 | Silver Status 10% discount | 1 UCSF Rad paid course 2017 cal year |
| ☐ \$1,045 | ☐ \$1,120 | Gold Status 20% discount | 2 UCSF Rad paid courses 2017 cal year |
| ☐ \$ 905 | ☐ \$ 980 | Platinum Status 30% disc | 3 UCSF Rad paid courses 2017 cal year |
| ☐ \$1,000 | ☐ \$1,075 | Resident Single discount | verification of resident status required |
| ☐ \$ 950 | ☐ \$1,025 | Resident Group discount, 3+ | must be submitted simultaneously |

Daily Fee: \$560 for 1 day, \$840 for 2 days (session 8:00 am to 5:00 pm)

(no discounts on daily rate, cancellation policy applies)

☐ 3/12 Mon GI/GU ☐ 3/13 Tues Chest/Physics ☐ 3/14 Wed Peds/NucMed/IR ☐ 3/15 Thur US/Breast ☐ 3/16 Fri Neuro/Skel

METHOD OF PAYMENT

☐ Visa ☐ Mastercard ☐ American Express ☐ Check, payable to UC Regents.

Card No. _____

Exp. Date _____ Signature _____



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 \$100, will be made upon receipt of a written request only by Friday, February 9, 2018. No refunds will be made after this date.