

# UCSF Radiology Annual Review

## Comprehensive Imaging Fundamentals

### January 11-15, 2021 / Live Virtual Course

**UCSF** Department of Radiology  
and Biomedical Imaging

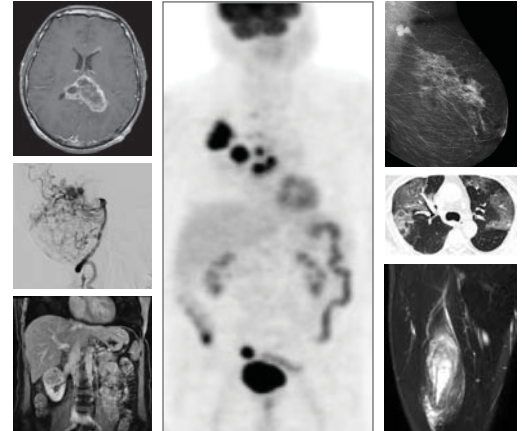
### Course Outline

This course will review the fundamentals of the major organ systems and corresponding imaging modalities (CT/ MR/ US/ DSA/ Fluoro/ X-rays).

The course will consist of case-based, in-depth sessions on diseases of the major organ systems; and shorter focused lectures on physics, rad safety, cardiac, nuclear medicine and interventional procedures that are relevant to the general radiologist and radiologist-in-training.

The course will include an hour-long session of 100 multiple-choice questions on the Non-Interpretive Skills relevant to radiology trainees.

To facilitate learning, all lectures will include rapid-fire cases and/or multiple choice questions (MCQ), as well as "MCQ Galore" sessions that emphasize basic radiology principles in a fast-paced, question format that will be of clinical value to the radiologist on-call and in-training.



**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.

**Up to 37.75 CME Credits available**  
**40+ UCSF Radiology Faculty will be covering the Subspecialties as listed below.**  
**Includes 30-day post-course access online.**

### Schedule at-a-Glance (Pacific Standard Time)

Mid-session break 11:00-12:00 Mon-Thursday, 11:30-12:00 on Friday

| <u>Day, Date</u> | <u>Time</u>       | <u>AM</u>        | <u>PM</u>                |
|------------------|-------------------|------------------|--------------------------|
| Jan 11, Mon      | 8:00 am - 5:00 pm | Gastrointestinal | Genitourinary            |
| Jan 12, Tues     | 7:30 am - 5:15 pm | Thoracic         | Breast                   |
| Jan 13, Wed      | 8:00 am - 5:00 pm | Pediatrics       | Neuro                    |
| Jan 14, Thur     | 8:00 am - 4:45 pm | Ultrasound       | Cardiac/ Physics/ Safety |
| Jan 15, Fri      | 7:30 am - 3:45 pm | IR / Nuc Med     | Musculoskeletal          |

*Full course program and online registration link*  
<https://radiology.ucsf.edu/cme/ucsf-radiology-review-2021-january>

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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         | Breast                   |
| <i>Wednesday</i> | Pediatrics       | Neuro                    |
| <i>Thursday</i>  | Ultrasound       | Cardiac/ Physics/ Safety |
| <i>Friday</i>    | IR / Nuc Med     | Musculoskeletal          |

## 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 **37.75 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 12.0 in CT, 9.0 in MR, 4.75 in Ultrasound, 3.5 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.

## Registration

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

### TUITION

\$695 Physicians (MD, DO)

\$495 Radiology Residents  
(status must be verified)

You must provide an email address to receive advance course and syllabus information, as well as the online course weblink.

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## UCSF Faculty

### **Soonmee Cha, MD**

#### **Course Chair**

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

### **Vickie A. Feldstein, MD**

#### **Course Co-Chair**

Professor of Clinical Radiology,  
and of Obstetrics, Gynecology and  
Reproductive Sciences

### **Elissa R. Price, MD**

#### **Course Co-Chair**

Associate Professor of Clinical  
Radiology

### **Matthew Amans, MD, MSc**

Associate Professor of Clinical  
Radiology

### **Spencer C. Behr, MD**

Associate Professor of Clinical  
Radiology

### **Matthew D. Bucknor, MD**

Associate Professor of Radiology

### **Miles Conrad, MD, MPH**

Professor of Radiology

### **Daniel Cooke, MD**

Associate Professor of Clinical  
Radiology

### **Jesse Courtier, MD**

Associate Clinical Professor of  
Radiology

### **Rachelle Durand, DO**

Assistant Professor of Radiology

### **Brett M. Elicker, MD**

Professor of Clinical Radiology

### **Robert R. Flavell, MD, PhD**

Assistant Professor of Radiology

### **Christine M. Glastonbury, MBBS**

Professor of Clinical Radiology,  
Otolaryngology, Head & Neck Surgery  
and Radiation Oncology

### **Heather I. Greenwood, MD**

Associate Professor of Radiology

### **Michael Heller, MD**

Assistant Professor of Radiology

### **Travis S. Henry, MD**

Associate Professor of Radiology

### **Thomas A. Hope, MD**

Associate Professor of Radiology

### **Eugene J. Huo, MD**

Assistant Professor of Radiology

### **Priyanka Jha, MBBS**

Associate Professor of Radiology

### **Bonnie N. Joe, MD, PhD**

Professor of Clinical Radiology  
Chief of Breast Imaging

### **Kimberly G. Kallianos, MD**

Assistant Professor of Radiology

### **Tatiana Kelil, MD**

Assistant Professor of Clinical Radiology

### **Courtney Lawhn-Heath, MD**

Assistant Professor of Radiology

### **Joseph Leach, MD**

Assistant Professor of Radiology

### **Amie Y. Lee, MD**

Associate Professor of Radiology

### **Evan D. Lehrman, MD**

Assistant Professor of Clinical Radiology

### **Yi Li, MD**

Assistant Professor of Radiology

### **Thomas M. Link, MD, PhD**

Professor of Radiology  
Chief, Musculoskeletal Imaging

### **Kevin McGill, MD, MPH**

Assistant Professor of Radiology

### **John T. Mongan, MD, PhD**

Associate Professor of Radiology

### **Tara A. Morgan, MD**

Associate Professor of Radiology

### **Daria Motamedi, MD**

Associate Professor of Radiology

### **Michael A. Ohliger, MD, PhD**

Associate Professor of Radiology

### **Rina P. Patel, MD**

Assistant Professor of Radiology

### **Liina Poder, MD**

Professor of Clinical Radiology, and of  
Obstetrics, Gynecology and Reproductive  
Sciences  
Director of Ultrasound

### **Kimberly Ray, MD**

Associate Professor of Clinical Radiology

### **Lori M. Strachowski, MD**

Professor of Radiology, and of Obstetrics,  
Gynecology and Reproductive Sciences  
Chief of Ultrasound  
Zuckerberg SF General Hospital

### **Mark Sugi, MD**

Assistant Professor of Radiology

### **Leo Sugrue, MD, PhD**

Assistant Professor of Radiology

### **Preeti Sukerkar, MD, PhD**

Assistant Professor of Radiology

### **Derek Sun, MD**

Associate Professor of Radiology

### **Jason F. Talbott, MD, PhD**

Associate Professor of Radiology

### **Andrew G. Taylor, MD, PhD**

Associate 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 Clinical Radiology  
Associate Chief of Radiology  
Veterans Affairs Medical Center

### **Mark W. Wilson, MD**

Professor of Clinical Radiology  
Chief of Radiology  
Zuckerberg SF General Hospital

### **Benjamin Yeh, MD**

Professor of Clinical Radiology

### **Ronald J. Zagoria, MD**

Professor of Clinical Radiology  
Chief of Abdominal Imaging

### **Matthew Zapala, MD**

Assistant Professor of Clinical Radiology

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#### Course Program - page 1 of 3

#### Monday, January 11, 2021

##### *Gastrointestinal*

|         |                                    |                  |
|---------|------------------------------------|------------------|
| 7:55 am | Opening Remarks.....               | Soonmee Cha, MD  |
| 8:00    | CT/MR of the Acute Abdomen .....   | Derek Sun, MD    |
| 8:30    | Pancreatic Tumors & Diseases ..... | Emily Webb, MD   |
| 9:00    | Splenic Masses .....               | Emily Webb, MD   |
| 9:30    | Liver Disease .....                | Thomas Hope, MD  |
| 10:00   | Biliary Tract .....                | Benjamin Yeh, MD |
| 10:30   | Q & A: Gastrointestinal .....      | Benjamin Yeh, MD |
| 11:00   | Recess                             |                  |

##### *Genitourinary*

|          |   |                          |
|----------|---|--------------------------|
| 12:00 pm | Fluoroscopy .....                               | Spencer Behr, MD         |
| 12:30    | Benign Gynecologic Disease .....                | Liina Poder, MD          |
| 1:00     | Malignant Gynecologic Disease .....             | Michael Ohliger, MD, PhD |
| 1:30     | Benign Renal Disease .....                      | Mark Sugi, MD            |
| 2:00     | Recess  |                          |
| 2:30     | Renal & Adrenal Masses .....                    | Ronald Zagoria, MD       |
| 3:00     | Bladder, Prostate, Urethra .....                | Ronald Zagoria, MD       |
| 3:30     | Q & A: Genitourinary.....                       | Ronald Zagoria, MD       |
| 3:45     | Rapid-fire Cases: GI & GU .....                 | Eugene Huo, MD           |
| 4:30     | Multiple Choice Questions Galore: GI & GU ..... | Joseph Leach, MD, PhD    |
| 5:00     | Adjourn   |                          |

#### Tuesday, January 12, 2021

##### *Thoracic*

|         |  |                        |
|---------|--|------------------------|
| 7:30 am | Idiopathic Interstitial Pneumonia..... | Brett Elicker, MD      |
| 7:55    | Diffuse Nodular Disease .....          | Brett Elicker, MD      |
| 8:15    | Small Airways Disease .....            | Brett Elicker, MD      |
| 8:35    | Mediastinal Masses .....               | Kimberly Kallianos, MD |
| 8:55    | CT/PET of Pulmonary Nodules.....       | Kimberly Kallianos, MD |
| 9:20    | Pleura .....                           | Travis Henry, MD       |
| 9:40    | Lung Cancer Staging .....              | Travis Henry, MD       |
| 10:00   | Rapid Fire Cases: Thoracic .....       | Travis Henry, MD       |
| 10:30   | Q & A: Chest Imaging .....             | Brett Elicker, MD      |
| 11:00   | Recess                                 |                        |

##### *Breast*

|          |   |                       |
|----------|---|-----------------------|
| 12:00 pm | Masses & Asymmetries .....                    | Kimberly Ray, MD      |
| 12:30    | Calcifications.....                           | Heather Greenwood, MD |
| 1:00     | Palpable Lumps .....                          | Amie Lee, MD          |
| 1:30     | Breast MRI.....                               | Tatiana Kelil, MD     |
| 2:00     | Recess  |                       |
| 2:30     | Rapid Fire Cases: Breast.....                 | Lori Strachowski, MD  |
| 3:25     | Rapid Fire Cases: Ultrasound ObGyn .....      | Lori Strachowski, MD  |
| 4:15     | Q & A : Breast Imaging .....                  | Bonnie Joe, MD, PhD   |
| 4:45     | Multiple Choice Questions Galore: Breast..... | Elissa Price, MD      |
| 5:15     | Adjourn                                       |                       |

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#### Wednesday, January 13, 2021

##### *Pediatrics / Neurovascular*

|         |   |                        |
|---------|---|------------------------|
| 8:00 am | Pediatric Gastrointestinal Diseases .....               | Jesse Courtier, MD     |
| 8:30    | Pediatric Chest .....                                   | Matthew Zapala, MD     |
| 9:00    | Pediatric Emergencies.....                              | Jesse Courtier, MD     |
| 9:30    | Pediatric Genitourinary Diseases .....                  | Rachelle Durand, DO    |
| 10:00   | Neurovascular Anatomy: Normal & Malformations.....      | Matthew Amans, MD, MSc |
| 10:30   | Cerebrovascular Diseases - Infarcts & Hemorrhages ..... | Daniel Cooke, MD       |
| 11:00   | Recess  |                        |

##### *Neuro*

|          |  |                             |
|----------|--|-----------------------------|
| 12:00 pm | Brain Tumors & Tumor Mimics .....                              | Soonmee Cha, MD             |
| 12:30    | Pediatric Neuro Diseases .....                                 | Yi Li, MD                   |
| 1:00     | Head & Neck Primer .....                                       | Christine Glastonbury, MBBS |
| 1:30     | Head & Spine Trauma .....                                      | Jason Talbott, MD, PhD      |
| 2:00     | CNS Infectious & Inflammatory Diseases.....                    | Soonmee Cha, MD             |
| 2:30     | Recess   |                             |
| 3:00     | Spine Tumors .....   | Javier Villanueva-Meyer, MD |
| 3:30     | Top 10 CNS Emergencies .....                                   | Leo Sugrue, MD, PhD         |
| 4:00     | Multiple Choice Questions Galore: Non-Interpretive Skills..... | Soonmee Cha, MD             |
| 5:00     | Adjourn  |                             |

#### Thursday, January 14, 2021

##### *Ultrasound / ObGyn*

|         |                             |                        |
|---------|-----------------------------|------------------------|
| 8:00 am | Abdomen .....               | Tara Morgan, MD        |
| 8:20    | Thyroid US & Biopsy .....   | Tara Morgan, MD        |
| 8:40    | Uterus & Adnexa .....       | Liina Poder, MD        |
| 9:00    | 1st Trimester OB US .....   | Liina Poder, MD        |
| 9:20    | 2nd Trimester OB US .....   | Vickie Feldstein, MD   |
| 9:50    | Fetal Anomalies .....       | Vickie Feldstein, MD   |
| 10:10   | Genitourinary US .....      | Priyanka Jha, MBBS     |
| 10:30   | Vascular / Doppler US ..... | Stefanie Weinstein, MD |
| 10:50   | Q & A: Ultrasound .....     | Vickie Feldstein, MD   |
| 11:00   | Recess                      |                        |

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#### Thursday, January 14, 2021

##### **Cardiac / Physics / Safety**

|          |  |                          |
|----------|--|--------------------------|
| 12:00 pm | Heart: Top 10 Diagnoses .....                | Kimberly Kallianos, MD   |
| 12:45    | Vascular Diseases of the Thorax .....        | Kimberly Kallianos, MD   |
| 1:30     | Practical Physics: CT .....                  | Michael Ohliger, MD, PhD |
| 2:00     | Recess                                       |                          |
| 2:30     | Practical Physics: MR .....                  | Michael Ohliger, MD, PhD |
| 3:00     | Ultrasound: Technical Tips & Artifacts ..... | John Mongan, MD, PhD     |
| 3:30     | Radiology Safety: Need to Know .....         | John Mongan, MD, PhD     |
| 4:00     | IV Contrast Use Update .....                 | Ronald Zagoria, MD       |
| 4:30     | Q & A: Physics and Safety .....              | Ronald Zagoria, MD       |
| 4:45     | Adjourn                                      |                          |

#### Friday, January 15, 2021

##### **Interventional / Nuclear Medicine**

|         |   |                          |
|---------|---|--------------------------|
| 7:30 am | Arterial Diagnosis & Interventions .....              | Michael Heller, MD       |
| 8:10    | Venous & Lymphatic Interventions .....                | Evan Lehrman, MD         |
| 8:30    | Pulmonary Artery Interventions .....                  | Miles Conrad, MD, MPH    |
| 8:45    | Hemodialysis Interventions.....                       | Mark Wilson, MD          |
| 9:00    | Non-Vascular Interventions .....                      | Andrew Taylor, MD, PhD   |
| 9:30    | General Nuc Med Q&A 1: GI/GU/MSK.....                 | Spencer Behr, MD         |
| 10:00   | Oncologic FDG PET/CT .....                            | Spencer Behr, MD         |
| 10:30   | General Nuc Med Q&A 2: (Para)Thyroid/Cardiac/VQ ..... | Robert Flavell, MD, PhD  |
| 11:00   | Neurologic & Pediatric Molecular Imaging.....         | Courtney Lawhn-Heath, MD |
| 11:30   | Recess  |                          |

##### **Musculoskeletal**

|          |                                    |                          |
|----------|------------------------------------|--------------------------|
| 12:00 pm | Metabolic Disease .....            | Daria Motamedi, MD       |
| 12:30    | Bone Tumors .....                  | Matthew Bucknor, MD      |
| 1:00     | Arthritis .....                    | Thomas Link, MD, PhD     |
| 1:30     | Trauma / Post-operative .....      | Preeti Sukerkar, MD, PhD |
| 2:00     | Recess                             |                          |
| 2:30     | Congenital / Normal Variants ..... | Kevin McGill, MD, MPH    |
| 3:00     | Infection / Bone Marrow.....       | Rina Patel, MD           |
| 3:30     | Q & A : Musculoskeletal.....       | Rina Patel, MD           |
| 3:45     | Closing Remarks .....              | Soonmee Cha              |
| 3:50     | Adjourn                            |                          |

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## REGISTRATION

### UCSF RADIOLOGY ANNUAL REVIEW (RAD21 024)

January 11-15, 2021

- 1) **Online** <https://cme-reg.configio.com/pd/419/ucsf-radiology-annual-review>
- 2) **By Mail** this form to UCSF Office of CME - Box 0742, 490 Illinois Street, Floor 8, San Francisco, CA 94143

### 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 the online weblink for the course.

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

### COURSE REGISTRATION

- \$695 Practicing Physicians (MD, DO)  
 \$495 Resident / Fellow In-Training (status must be verified)

### 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.

### REFUND POLICY

There will be no cancellation refunds offered for this course.

### LIVE STREAM MEETING

This course will be offered as a live interactive virtual conference. Login instructions along with the digital syllabus will be shared with attendees before the meeting. Included in your registration fee is access to the course recordings on demand for 30 days after the course (you must log-in during the daily live sessions broadcast to gain access).

All registrants will receive a webinar log-in link the week of the course. You will enter your full name and email address to "log-in" and authenticate yourself. Once completed, you will have access to the conference, and the system will email you an individualized access link to join the webinar at anytime. This link is valid for each day.