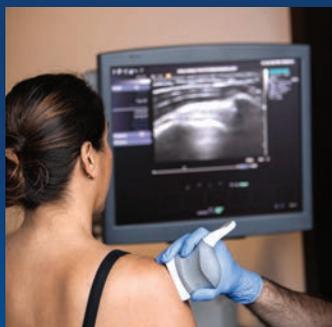




David Geffen  
School of Medicine

# 9th Annual UCLA Musculoskeletal Ultrasound Course and Hands-On Workshop

## Featuring Concurrent Introductory and Intermediate Level Tracks



- Small group hands-on workshops
- Live, split-screen video demonstrations
- Current and updated lecture topics
- Multidisciplinary faculty

**Saturday, January 26 - Sunday, January 27, 2019**

**COURSE AND HANDS-ON WORKSHOP**  
**UCLA Medical Center, Santa Monica**  
**Santa Monica, CA**

**UCLA** Health

Radiology

**CME** OFFICE OF  
CONTINUING  
MEDICAL  
EDUCATION

DAVID GEFFEN SCHOOL OF MEDICINE at **UCLA**

# GENERAL INFORMATION

## Enrollment

### **By January 4, 2019**

- Physician Fee – \$1,195
- Sonographers, Trainees & Students – \$995

### **After January 4, 2019**

- Physician Fee – \$1,295
- Sonographers, Trainees & Students – \$1,095

### **Lectures Only, No Workshop**

- One Day – \$300
- Two Days – \$600

\*There is a \$100 lecture only discount per day for current UC Employees.

Enrollment fees include continental breakfast, snacks and program materials.

## Online

Go to [www.cme.ucla.edu/courses](http://www.cme.ucla.edu/courses) and choose **UCLA Musculoskeletal Ultrasound Course** and click the registration button. You may use your American Express, MasterCard, Visa or Discover Card to register online.

## By Mail

Use the form attached and mail to:  
UCLA Office of Continuing Medical Education  
David Geffen School of Medicine at UCLA  
UCLA Musculoskeletal Ultrasound Course  
10920 Wilshire Blvd., Suite 1060  
Los Angeles, CA 90024-6512

## By Fax

Fax the completed enrollment form with credit card information and authorizing signature to (310) 794-2624.

## By Phone

Call (310) 794-2620 with your MasterCard, American Express, Visa, or Discover Card information.

## Program Location

UCLA Medical Center, Santa Monica  
Room: G-340  
1250 16th Street  
Santa Monica, CA 90404  
(310) 319-4000

## Local Hotel Accommodations:

### **Loews Santa Monica Beach Hotel**

1700 Ocean Ave  
Santa Monica, CA 90401  
(866) 563-9792

### **The Ambrose**

1255 20th Street  
Santa Monica, CA 90404  
(310) 315-1555

### **Best Western Plus Gateway Hotel**

1920 Santa Monica Boulevard  
Santa Monica, CA 90404  
(310) 829-9100

## Parking

Saturday and Sunday, parking will be provided free of charge for all participants at the UCLA Santa Monica Hospital. Attendees will be able to park in the UCLA parking structure located on the corner of Arizona and 16th Street. Please park on levels 2 and 3 only.

## Refunds

Cancellations must be received in writing by January 11, 2019 and will be subject to a \$100 processing fee. No refunds be given after January 11, 2019. A full refund will be provided if for any reason the course must be cancelled or rescheduled.

Please visit our website for other UCLA CME offerings: [www.cme.ucla.edu](http://www.cme.ucla.edu)

*Early registration is recommended, as space is limited.*

## Accreditation

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA, designates this live activity for a maximum of 14 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## Disclosure Statement

The FDA has issued a concept paper that classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is "truly independent" and free of commercial influence. In addition to independence, the FDA requires that non-promotional, commercially supported education be objective, balanced and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program's participants. In addition, Accreditation Council for Continuing Medical Education policy mandates that the provider adequately manage all identified potential conflicts of interest prior to the program. We at UCLA fully endorse the letter and spirit of these concepts.

# UCLA Musculoskeletal Ultrasound Course 2019

## SATURDAY, JANUARY 26

- 7:00 Registration and Continental Breakfast
- 8:00 Introduction and Announcements – *Benjamin D. Levine, MD*
- 8:05 Welcome – *Jonathan Goldin, MD, PhD*
- 8:10 Live Scanning Demonstration: Upper Extremity – *Kambiz Motamedi, MD*
- 9:10 Break

### INTRODUCTORY TRACK

- 9:30 Fundamentals of MSK Ultrasound  
*Benjamin D. Levine, MD*
- 10:00 Wrist Ultrasound  
*Mihaela Taylor, MD*
- 10:20 Break
- 10:40 Shoulder Ultrasound  
*Benjamin D. Levine, MD*
- 11:00 Elbow Ultrasound  
*Kira Chow, MD*
- 11:30 Update on Economics of MSK Ultrasound  
*Andrew Concoff, MD*
- 12:00 Lunch
- 1:30 Hands-On Ultrasound Workshop  
*Upper Extremity*
- 4:00 Open Scanning  
*(Models available)*
- 5:00 Adjourn

### INTERMEDIATE TRACK

- 9:30 Hands-On Ultrasound Workshop  
*Upper Extremity*
- 12:00 Lunch
- 1:30 Shoulder Ultrasound: Rotator Cuff Pathology and Pitfalls  
*Benjamin D. Levine, MD*
- 1:50 Shoulder Ultrasound: Beyond the Rotator Cuff  
*Benjamin D. Levine, MD*
- 2:10 Ultrasound Guided Shoulder Intervention in the Sports Medicine Clinic  
*Joshua Goldman, MD, MBA*
- 2:40 Break
- 3:00 Ultrasound of Lumps and Bumps  
*Kambiz Motamedi MD*
- 3:20 Ultrasound of Peripheral Nerves  
*Brady K. Huang, MD*
- 3:40 Ultrasound of Muscle  
*Kambiz Motamedi, MD*
- 4:00 Open Scanning  
*(Models available)*
- 5:00 Adjourn

## SUNDAY, JANUARY 27

- 7:00 Registration and Continental Breakfast
- 8:00 Live Scanning Demonstration: Lower Extremity – *Benjamin D. Levine, MD*
- 9:00 Break

### INTRODUCTORY TRACK

- 9:10 Hip Ultrasound  
*Kambiz Motamedi, MD*
- 9:30 Knee Ultrasound  
*Kira Chow, MD*
- 10:00 Ankle Ultrasound  
*Benjamin Plotkin, MD*
- 10:30 Break
- 10:50 Foot Ultrasound  
*Benjamin D. Levine, MD*
- 11:10 Ultrasound Guided Foot Interventions in the Office  
*Nathan Schwartz, DPM*
- 11:40 Lunch
- 1:00 Hands-On Ultrasound Workshop  
*Lower Extremity*
- 3:30 Open Scanning  
*(Models available)*
- 5:00 Adjourn

### INTERMEDIATE TRACK

- 9:10 Hands-On Ultrasound Workshop  
*Lower Extremity*
- 11:40 Lunch
- 1:00 Foot Ultrasound: Tumor, Trauma, and Beyond  
*Benjamin D. Levine, MD*
- 1:30 MSK Ultrasound Procedures: Current Concepts  
*Andrew Concoff, MD*
- 1:50 Update on Economics of MSK Ultrasound  
*Andrew Concoff, MD*
- 2:10 Break
- 2:30 Hip Ultrasound: Effusion, Bursitis, Tendons and Labrum  
*Benjamin D. Levine, MD*
- 2:50 Sports Ultrasound in the Pediatric Patient  
*Joshua Goldman, MD, MBA*
- 3:10 Snapping Hip Syndrome  
*Benjamin D. Levine, MD*
- 3:30 Open Scanning  
*(Models available)*
- 5:00 Adjourn

# UCLA Musculoskeletal Ultrasound Course and Hands-On Workshop

## COURSE DESCRIPTION

The **UCLA Department of Radiological Sciences**, in collaboration with lead physicians from the departments of **Rheumatology, Orthopaedics and Sports Medicine**, is proud to offer a comprehensive interdisciplinary musculoskeletal (MSK) ultrasound hands-on learning experience. The MSK Ultrasound Course and Hands-On Workshop will review pertinent aspects of upper and lower extremity ultrasound critical for clinical application. This weekend course will include, in addition to basic MSK ultrasound of joints, current topics such as MSK ultrasound intervention, ultrasound of peripheral nerves, ultrasound of muscle, pediatric sports ultrasound, and MSK ultrasound economics. A multidisciplinary approach will be emphasized through interaction with physicians from various subspecialties.

The course also features live, split-screen video demonstrations of basic MSK ultrasound scan techniques essential for appropriate clinical application. In addition, the interactive hands-on workshop will provide ample opportunity for participants to practice techniques learned in the lectures via focused, small group training with subspecialists.

Two concurrent tracks will be available (introductory and intermediate tracks), each offering a more personalized lecture and hands-on training experience tailored to the participant's particular skill level and experience with MSK ultrasound.

## INTRODUCTORY TRACK

Suggested for those participants interested in learning and developing basic MSK ultrasound scan techniques and protocol. This track is appropriate for those with limited or no prior MSK ultrasound experience. Lectures will focus on fundamentals of MSK ultrasound as it relates to scanning the main joints of the upper and lower extremity.

## INTERMEDIATE TRACK

Suggested for those participants who have a basic understanding of normal MSK ultrasound anatomy and scan techniques, and who are interested in further advancing their MSK ultrasound knowledge and refining their skills. This track is appropriate for those who may have attended a prior MSK ultrasound course, or who have some clinical experience with MSK ultrasound. Lectures will include current, more advanced topics that can enhance basic MSK ultrasound knowledge.

## TARGET AUDIENCE

This course would be of interest to health care providers in fields related to the musculoskeletal system, including, but not limited to, radiologists, sports medicine physicians, physiatrists, orthopedic surgeons, rheumatologists, sonographers, physician assistants, and resident and fellow trainees.

## EDUCATIONAL OBJECTIVES

At the conclusion of the course, attendees should be able to:

- Understand basic MSK anatomy pertinent to ultrasound
- Perform basic MSK ultrasound exams of the major joints of the upper/lower extremity
- Identify advantages/disadvantages of MSK ultrasound as an imaging modality
- Describe both the unique and complimentary roles of ultrasound examination
- Recognize transducer and required equipment selection
- Describe normal findings and common pathology on ultrasound of the major joints
- Recognize the main MSK ultrasound imaging pitfalls and artifacts
- Perform various dynamic maneuvers during an MSK ultrasound examination
- Become familiar with the spectrum of MSK ultrasound-guided interventional procedures

## COURSE DIRECTOR

**Benjamin D. Levine, MD**  
Associate Clinical Professor of Radiology\*  
Director, Musculoskeletal Interventions  
Musculoskeletal Imaging  
Department of Radiological Sciences  
University of California, Los Angeles

## CLINICAL CO-DIRECTOR

**Kambiz Motamedi, MD**  
Professor of Radiology\*  
Musculoskeletal Imaging  
Department of Radiological Sciences  
University of California, Los Angeles

## DISTINGUISHED FACULTY

**Kira Chow, MD**  
Associate Professor of Radiology\*  
VA Greater LA Healthcare System  
Department of Radiology

**Andrew Concoff, MD**  
Rheumatology and Sports Medicine  
Medical Director, Outpatient Musculoskeletal Rehabilitation & Wellness  
St. Jude Medical Center  
Fullerton, California

**Jonathan Goldin, MD, PhD**  
Professor of Radiology & Medicine\*  
Executive Vice Chairman,  
Department of Radiological Sciences at UCLA  
Chief of Radiology, Santa Monica-UCLA Medical Center

**Joshua Goldman, MD, MBA**  
Assistant Professor of Family Medicine & Orthopaedic Surgery\*  
UCLA Division of Sports Medicine & Non-Operative Orthopaedics  
Departments of Family Medicine & Orthopaedics

**Brady K. Huang, MD**  
Associate Clinical Professor of Radiology  
Musculoskeletal Section  
University of California, San Diego

**Benjamin Plotkin, MD**  
Assistant Professor of Radiology\*  
Musculoskeletal Imaging  
Department of Radiological Sciences  
University of California, Los Angeles

**Nathan Schwartz, DPM**  
The Center for Foot and Ankle Care  
Smyrna, Georgia

**Mihaela Taylor, MD**  
Associate Clinical Professor of Medicine\*  
Chief, UCLA Santa Monica Rheumatology Section  
Division of Rheumatology

\*David Geffen School of Medicine at UCLA

Course Title and Number	M189-29	Amount
<b>UCLA Musculoskeletal Ultrasound Course and Hands-On Workshop</b>	<b>Registration Fees:</b> <b>By January 4, 2019</b> <ul style="list-style-type: none"> <li>• Physician Fee – \$1,195</li> <li>• Sonographers, Trainees &amp; Students – \$995</li> </ul> <b>After January 4, 2019</b> <ul style="list-style-type: none"> <li>• Physician Fee – \$1,295</li> <li>• Sonographers, Trainees &amp; Students – \$1,095</li> </ul> <b>Lectures Only, No Workshop</b> <ul style="list-style-type: none"> <li>• One Day – \$300</li> <li>• Two Days – \$600</li> </ul>	
<b>TOTAL</b>		

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Last four digits of your Social Security Number

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Name (First/Middle/Last)  Male  Female

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Area Code/Daytime Phone

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Charge:  MasterCard  Visa  Discover  American Express

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Authorizing Signature

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Expiration Date (Mo/Yr)

Mail: Office of Continuing Medical Education  
David Geffen School of Medicine at UCLA  
UCLA Musculoskeletal Ultrasound Course  
10920 Wilshire Blvd., Suite 1060  
Los Angeles, CA 90024-6512

Fax: (310) 794-2624  
(must include charge card information and authorizing signature)

Call: (310) 794-2620

Register online: [www.cme.ucla.edu/courses](http://www.cme.ucla.edu/courses)  
(click on "UCLA Musculoskeletal Ultrasound Course")

UCLA Office of Continuing Medical Education  
David Geffen School of Medicine at UCLA  
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