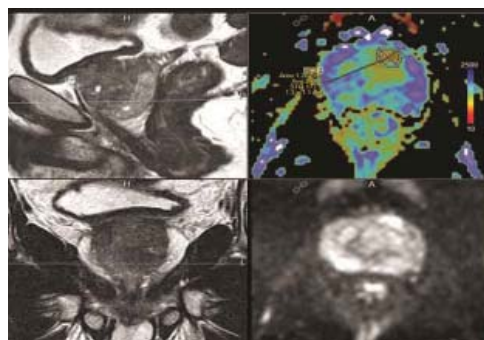
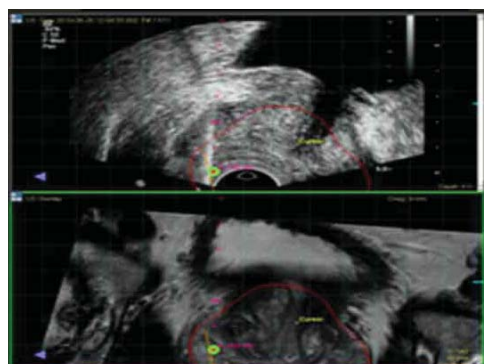


# Prostate Cancer Imaging with Hands-on mpMRI and MRI-US Fusion Biopsy Workshops

May 3-4, 2018

UCSF China Basin Center  
San Francisco, California

CME Credits: 14.75



Department of Radiology  
and Biomedical Imaging

<https://radiology.ucsf.edu/cme>

# Prostate Cancer Imaging Hands-on Workshops

May 3-4, 2018

UCSF China Basin Center - San Francisco, CA

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



## Course Outline

This course will present the fundamentals and latest developments of prostate cancer imaging and management. The combination of lectures and hands-on workshops offers a unique opportunity for practicing physicians to become proficient in performing a comprehensive imaging evaluation of patients with prostate cancer at all stages.

The course will instruct in how to perform, interpret and report a multiparametric prostate MR exam in a time-efficient and accurate manner. The hands-on US-MRI fusion biopsy workshop will demonstrate how this technology is utilized to improve the care of patients. MR imaging has long been shown to be a powerful tool for the assessment of prostate cancer, but its use for biopsy guidance has only recently been widely accepted as a way to overcome the inherent limitations of transrectal ultrasound-guided biopsy.

## Objectives

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

1. Demonstrate familiarity with the relevant clinical aspects of prostate cancer
2. Perform and interpret a multiparametric prostate MRI exam at 1.5 and 3T
3. Describe the critical findings and recognize potential pitfalls in interpretation of a multiparametric prostate MRI
4. Create a clinically pertinent report of the findings on a multiparametric prostate MRI
5. Be familiar with other advanced imaging techniques for prostate cancer
6. Process and prepare the MRI data for an US-MRI fusion biopsy
7. Perform an US-MRI fusion biopsy

## Registration

Pre-registration is required as enrollment in this course is limited to 50 registrants.

**Tuition:** \$2,300 for Thursday all-day lecture sessions and **both** Friday half-day workshops. \$1,900 for Thursday all-day lecture sessions and Friday morning mpMRI workshop.

Registration can be made online, by phone or using the form on the last page. For general inquiries, send an email to: [rad-cme@ucsf.edu](mailto:rad-cme@ucsf.edu).

## UCSF Faculty

**Ronald J. Zagoria, MD**

***Course Chair***

Professor of Radiology  
Chief, Abdominal Imaging

**Thomas A. Hope, MD**

Assistant Professor of Radiology

**Susan Noworolski, PhD**

Associate Professor of Radiology

**Anobel Y. Odisho, MD, MPH**

Assistant Professor of Urology

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

Assistant Professor of Radiology

**Katsuto Shinohara, MD**

Professor of Clinical Urology

**Antonio C. Westphalen, MD, PhD**

Associate Professor of Radiology  
and Urology  
Director, Clinical Prostate MRI

**Anthony C Wong, MD, PhD**

Assistant Professor of Radiation  
Oncology

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## Course Program

### THURSDAY / May 3, 2018

7:30 am	Registration and Breakfast	
8:00	Epidemiology, Diagnosis and Management of Prostate Cancer: ..... Anobel Y. Odisho, MD, MPH the Urologist's Perspective	
8:45	Radiation Oncology: Treatment Options and Radiology Needs ..... Anthony C. Wong, MD, PhD	
9:30	Recess	
9:45	Practical Aspects of Prostate MRI: ..... Antonio C. Westphalen, MD, PhD 1.5T vs 3T, Coil Selection, Patient Preparation	
10:15	Principles, Interpretations and Pitfalls of T2 and..... Michael A. Ohliger, MD, PhD Diffusion-Weighted MR Imaging	
10:45	Principles, Interpretation and Pitfalls of DCE and MR Spectroscopy ..... Susan Norowolski, PhD	
11:15	PI-RADS v2 ..... Ronald J. Zagoria, MD	
11:45	Role of Multi-Parametric MRI in Active Surveillance ..... Antonio C. Westphalen, MD, PhD	
12:15 pm	Recess	
1:30	US/MRI Fusion Biopsy Techniques ..... Katsuto Shinohara, MD	
2:15	In-Bore MR-Guided Biopsy ..... Antonio C. Westphalen, MD, PhD	
2:45	Recess	
3:00	Assessment of High-Risk Patients and Recurrent Prostate Cancer:..... Thomas A. Hope, MD PET/CT, PET/MRI, CT, Recurrence, Staging; including New Radiopharmaceuticals for Diagnosis and Management	
4:15	Questions & Discussion	
4:30	Adjourn	

### FRIDAY / May 4, 2018

7:00 am	Breakfast	
7:30	Understanding Workstation Basics: Software Training ..... Application Specialist	
8:30	Recess	
8:45	Interactive Multi-Parametric MRI Session ..... A. Westphalen; R. Zagoria	
12:45 pm	Recess	
1:00	Hands-on Prostate US-MRI Fusion Biopsy Session..... Katsuto Shinohara, MD	
4:00	Adjourn	

## 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 **14.75 AMA PRA Category 1 Credits™**.

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

The total credits are inclusive of 1.0 in CT, 10.0 in MR, 2.5 in Ultrasound, and 1.0 in PET.

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



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## Air Travel [https://radiology.ucsf.edu/cme/sf\\_travel](https://radiology.ucsf.edu/cme/sf_travel)

UCSF Radiology has negotiated special fares with United and Delta Airlines for radiology course attendees. To find the lowest fares and to help UCSF meet its contractual obligations, please book with the airlines directly using the codes below:

Airline	Online / Booking Code	Toll-free
United	<a href="http://tinyurl.com/www-united-com-book">http://tinyurl.com/www-united-com-book</a> 2018 code: ZYUF559912	800-426-1122 (\$25 booking fee via phone)
Delta	<a href="http://tinyurl.com/www-delta-com-book">http://tinyurl.com/www-delta-com-book</a> 2018 Code: NMQDC	800-328-1111 (\$25 booking fee via phone)

Flights can be arranged through either San Francisco (SFO) or Oakland (OAK) airports.

BART subway service, shuttle vans and taxis are available from both airports to downtown San Francisco.

SFO: [www.flysfo.com](http://www.flysfo.com)      BART (Bay Area Rapid Transit): [www.bart.gov](http://www.bart.gov)  
OAK: [www.oaklandairport.com](http://www.oaklandairport.com)      SF MUNICIPAL Railway: [www.sfmta.com](http://www.sfmta.com)

## Accommodations

<https://radiology.ucsf.edu/cme/ucsf-prostate-imaging-2018-may>

For detailed information on hotels and rates in the Union Square / Market Street area just north of China Basin, visit the webpage above.

Please make your reservation early, as hotel rooms in San Francisco are at a premium. These hotels are a 25-30 minute walk from the China Basin Research Center, and are easily accessible by streetcar, taxi or walking. The China Basin Research Center is next to AT&T Park / Giants Stadium.

## Getting to the Course

For details on SF city transportation routes and fares, visit: [www.sfmta.com](http://www.sfmta.com)

For China Basin maps/directions: <https://radiology.ucsf.edu/locations/china-basin>

*Note: the CB free parking listed is not for course attendees, it is for patients only.*

The workshop is held at the UCSF China Basin Research Center at 185 Berry Street (at Fourth Street), Lobby 6, Third Floor. The Center is located on the southeast side of the city, next to the baseball stadium, and one block from the CalTrain station.

**Attendees staying at one of the downtown hotels** should note that the China Basin Center is approximately a mile-and-a-half from Union Square, or a 30 minute walk from Market Street. China Basin is on the N-Judah streetcar line, which is accessible from any of the four underground Market Street Muni stations. The N-Judah stops one short block from the China Basin Center.

**For those local to the bay area** who will be taking BART, the Montgomery and Powell stations are closest. For those who will be driving, the entrance to Lobby 6 of China Basin Center is at the corner of Fourth and Berry Streets. Stockton Street (downtown SF) travels one-way south, and becomes Fourth Street after crossing Market.

24 Hour Parking:

Beacon 415-546-7755 / Safeway parking lot, 4th & Townsend Streets

IMpark 415-227-0114 / Giants Stadium parking, 3rd & Channel Streets



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**UCSF** Department of Radiology  
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## Registration

### PROSTATE CANCER IMAGING (RAD18B07)

May 3-4, 2018

UCSF Mission Bay Campus - San Francisco, California

Enroll early as space is limited to 20 registrants (on a first-come, first-served basis).

Three easy ways to register:

1. Online at <http://meded.ucsf.edu/cme>
2. Phone using Visa, Amex or MC. Call 415-476-5808, 8:30 am-4:00 pm (Pacific Time)
3. Fax this form to 415-502-1795

### REGISTRANT INFORMATION (PLEASE PRINT)

Name \_\_\_\_\_  
First Last Degree

Address \_\_\_\_\_

Tel \_\_\_\_\_ Fax \_\_\_\_\_  
Area Code Area Code

E-mail \_\_\_\_\_

☐ Please add me to your priority email list.

Month/Date of Birth for record verification: \_\_\_\_\_ / \_\_\_\_\_ / X X  
month date

### COURSE REGISTRATION

Thursday Lectures: Enrollment is limited to 20 persons.

Friday Workshops: Limited to 20 persons (first-come, first-served):

- ☐ \$2,300 for Thursday and Both Friday AM & PM Workshops
- ☐ \$1,900 for Thursday and Friday AM only = Prostate mpMRI Workshop
- ☐ \$1,750 for Thursday and Friday PM only = Prostate US-MRI Fusion Biopsy Workshop
- ☐ \$1,350 for Thursday full-day Lecture Sessions only

### METHOD OF PAYMENT

☐ Check enclosed, payable to UC Regents OR

Please charge my: ☐ Visa ☐ Mastercard ☐ American Express

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.



### Cancellation

The enrollment fee, less 10%, will be refunded if cancellation is received in writing by Friday, April 6, 2018. There is no refund if cancelled after this date.

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.