

UW Medicine

UW SCHOOL  
OF MEDICINE

# Radiology Review Course

Sunday - Thursday  
March 29 - April 2, 2015  
Hotel Deca Seattle  
4507 Brooklyn Avenue NE  
Seattle, WA 98105



Sponsored by the University of Washington School of Medicine  
Department of Radiology • Office of Continuing Medical Education

# Radiology Review Course

March 29 - April 2, 2015

## WHO SHOULD ATTEND

Practicing national and international radiologists, radiology trainees, and other physicians wanting a comprehensive review of all aspects of diagnostic radiology

## COURSE DESCRIPTION

This course provides a review of all aspects of diagnostic radiology, both for the practicing radiologist, as well as for the radiologist in training seeking a broad-based review. Specific sections include nuclear medicine, musculoskeletal imaging, breast imaging, interventional radiology, neuroradiology, pediatric imaging, body imaging (including gastrointestinal, genitourinary, and ultrasound imaging) and chest radiology. The course is case-based, reviewing the imaging features of the major disease entities in each of these sections.

## COURSE OBJECTIVES

Upon completion of this activity, attendees should be able to:

- Identify high-yield radiologic diagnoses throughout all specialties of radiology
- Provide an understanding of the pathophysiology pertaining to said diagnoses
- Provide a concise differential diagnosis for those disease entities discussed

## ATTENDANCE POLICY

Course activities are exclusively reserved for course attendees. Badges provided at registration are required for entrance into all functions and this requirement will be strictly enforced.

## ACCREDITATION

### Accreditation with Commendation

The University of Washington School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.



### Credit Designation

The University of Washington School of Medicine designates this live activity for a maximum of 40.0 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The total credits are inclusive of 18.5 in CT, 6.0 in MR, 6.0 in Ultrasound, 4.0 in Nuclear Medicine, and 4.0 in Breast Imaging (1.0 in breast MRI, and 1.0 in breast ultrasound).

## CONFERENCE SYLLABUS IS GOING GREEN

Syllabus materials will be available for download at [uwcmce.org](http://uwcmce.org) (for conference registrants only). Materials will be available from March 24 - April 24, 2015, for registrants to print and/or download. A booklet with the conference agenda and pages for note-taking will be provided at the conference.

## CHILD CARE POLICY

In consideration of other participants and speakers, please do not bring infants/children into conference sessions.

## FEES AND REGISTRATION

	<b>MD/DO/PhD</b>	<b>Resident &amp; Fellow</b>	<b>UW/VMMC/VA Residents &amp; Fellows</b>
<b>Full Course</b>	\$975.00	\$645.00	\$395.00
<b>Two Days</b>	\$495.00	n/a	n/a

The fee for this course includes catering, all instruction materials and transcript of *AMA PRA Category 1 Credits*<sup>™</sup>. To ensure enrollment, please complete the enclosed registration form and forward it with the appropriate tuition. Allow up to fifteen working days to receive your email confirmation of enrollment. If you have not received confirmation prior to your departure for the course, please contact the Continuing Medical Education office at 206.543.1050. Continuing Medical Education will not be responsible for expenses incurred by an individual who is not confirmed and for whom space is not available at the course.

## CANCELLATION POLICY

The Office of Continuing Medical Education must receive written notification of your cancellation by March 19, 2015. A \$50.00 processing fee will be deducted from refund requests received by this date. No refunds will be issued following March 19, 2015. The Office of Continuing Medical Education reserves the right to cancel this course twenty (20) days prior to the course date when a minimum enrollment is not met or for other reasons that prevent the University from holding the course. Each registrant will be notified by telephone followed by written notification and a full refund. The University of Washington is not responsible for any other costs incurred such as non-refundable airline tickets or hotel penalties. Contact CME Registrar with questions — call 206.543.1050, fax 206.221.4525 or email [cme@uw.edu](mailto:cme@uw.edu).

## SPECIAL SERVICES

Continuing Medical Education at the University of Washington is a totally self-sustaining unit and does not depend on or receive public monies in support of its educational efforts. Fees for this course are estimated to cover the costs of conducting this course. These costs include salaries, registration and credit, instructional materials, record keeping, faculty planning and evaluation and may include food, alcohol, taxes and gratuities to vendors. The University of Washington reaffirms its policy of equal opportunity regardless of race, color, creed, religion, national origin, sex, sexual orientation, age, marital status, disability, or status as a disabled veteran or Vietnam era veteran in accordance with University policy and applicable federal and state statutes and regulations. The University of Washington is committed to providing access and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation in the application process contact the department at: 206.543.1050 or the Disability Services Office at least ten days in advance.

Contact Disability Services Office

206.543.6450/Voice • 206.543.6452/TTY • 206.685.7264/Fax • e-mail: [dso@u.washington.edu](mailto:dso@u.washington.edu)

# Course Faculty

## COURSE CO-CHAIRS

**Jack A. Porrino, MD**  
Assistant Professor  
Department of Radiology

**Puneet Bhargava, MD**  
Associate Professor  
Department of Radiology

## COURSE PLANNING COMMITTEE

**Fatemeh S. Behnia, MD**  
Acting Associate Professor  
Department of Radiology

**Hyojeong Mulcahy, MD**  
Associate Professor  
Department of Radiology

**Peter R. Eby, MD**  
Radiologist  
Virginia Mason Medical Center  
Seattle, WA

**Sudhakar Pipavath, MD**  
Associate Professor  
Department of Radiology

**Kathleen R. Fink, MD**  
Assistant Professor  
Department of Radiology

**Jabi E. Shriki, MD**  
Associate Professor  
Department of Radiology

**Ramesh S. Iyer, MD**  
Associate Professor  
Department of Radiology

**Karim Valji, MD**  
Professor  
Department of Radiology

## HOTEL ACCOMMODATIONS

The University of Washington has contracted for special rates at the conference hotel. You must mention the *"Radiology Review"* to receive this rate. The rate quoted does not include applicable taxes. After February 26, 2015, this rate and accommodations may no longer be available. The University of Washington accepts no further responsibility for lodging.

### Hotel Deca Seattle

4507 Brooklyn Avenue NE  
Seattle, WA 98105  
www.hoteldeca.com

For reservations  
Call: 1.800.899.0251 or 206.634.2000  
Email: reservations@hoteldeca.com

**\$144.00 for a Deluxe room**

(tax excluded, please contact hotel for more details)

# Course Faculty

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## GUEST FACULTY

**David L. Coy, MD, PhD**  
Radiologist  
Virginia Mason Medical Center  
Seattle, WA

**Katherine E. Dee, MD**  
Radiologist  
Northwest Hospital & Medical Center  
Seattle, WA

**Peter Eby, MD**  
Radiologist  
Virginia Mason Medical Center  
Seattle, WA

**Grace Kalish, MD**  
Radiologist  
Valley Medical Center  
Seattle, WA

**Jennifer Kohr, MD**  
Radiologist  
Virginia Mason Medical Center  
Seattle, WA

## UNIVERSITY OF WASHINGTON FACULTY

**Jitesh Ahuja, MD**  
Senior Fellow  
Department of Radiology

**William H. Bush, MD, FACR**  
Professor Emeritus  
Department of Radiology

**Jayson Benjert, DO**  
Assistant Professor  
Department of Radiology

**Sadaf T. Bhutta, MBBS**  
Associate Professor  
Department of Radiology

**Teresa Chapman, MD, MA**  
Associate Professor  
Department of Radiology

**Felix S. Chew, MD, EdM, MBA**  
Professor  
Department of Radiology

**Carlos J. Cuevas, MD**  
Associate Professor  
Department of Radiology

**Roberta W. Dalley, MD**  
Associate Professor  
Department of Radiology

**Manjiri K. Dighe, MD**  
Associate Professor  
Department of Radiology

**Theodore J. Dubinsky, MD, FSRU**  
Professor  
Department of Radiology

**Shana Elman, MD**  
Senior Fellow  
Department of Radiology

**James R. Fink, MD**  
Associate Professor  
Department of Radiology

**J. David Godwin, MD**  
Professor  
Department of Radiology

**Christopher R. Ingraham, MD**  
Assistant Professor  
Department of Radiology

# *University of Washington Faculty*

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**Gregory A. Kicska, MD, PhD**

Assistant Professor  
Department of Radiology

**Sooah Kim, MD**

Associate Professor  
Department of Radiology

**Neeraj Lalwani, MD**

Assistant Professor  
Department of Radiology

**Bruce E. Lehnert, MD**

Assistant Professor  
Department of Radiology

**David H. Lewis, MD**

Professor  
Department of Radiology

**Manuela Matesan, MD, PhD**

Acting Assistant Professor  
Department of Radiology

**Suresh T. Maximin, MD**

Assistant Professor  
Department of Radiology

**Michael F. McNeeley, MD**

Fellow  
Department of Radiology

**Mahmud Mossa-Basha, MD**

Assistant Professor  
Department of Radiology

**Jason Nixon, MD**

Acting Assistant Professor  
Department of Radiology

**Ryan B. O'Malley, MD**

Assistant Professor  
Department of Radiology

**Jeffrey P. Otjen, MD**

Acting Assistant Professor  
Department of Radiology

**Gautham P. Reddy, MD**

Professor  
Department of Radiology

**Annemarie Relyea-Chew, JD, MS**

Associate Professor  
Department of Radiology

**Michael L. Richardson, MD**

Professor  
Department of Radiology

**Dean K. Shibata, MD**

Associate Professor  
Department of Radiology

**George D. Soltes, MD**

Assistant Professor  
Department of Radiology

**Eric J. Stern, MD**

Professor  
Department of Radiology

**Jonathan O. Swanson, MD**

Assistant Professor  
Department of Radiology

**Julie E. Takasugi, MD**

Associate Professor  
Department of Radiology

**Carolyn L. Wang, MD**

Assistant Professor  
Department of Radiology

**James W. Velez, PharmD**

Director of Nuclear Pharmacy  
Department of Radiology

**Hubert J. Vesselle, PhD, MD**

Professor  
Department of Radiology

# Sunday, March 29, 2015

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## 7:00 Registration and Continental Breakfast

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### Genitourinary

Moderator:

*Puneet Bhargava, MD*

8:00 The Collecting System: CTU and IVP  
*William Bush, MD, FACP*

8:40 Cross-Sectional Imaging of the Uterus and Ovaries  
*Suresh Maximin, MD*

9:20 Prostate and Testes  
*Sooah Kim, MD*

## 10:00 Break

10:15 Penis and Urinary Bladder  
*David Coy, MD, PhD*

10:55 Kidneys  
*Bruce Lehnert, MD*

11:35 Adrenal Glands  
*Puneet Bhargava, MD*

## 12:15 Lunch (on your own)

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### Musculoskeletal

Moderator:

*Jack Porrino, MD*

1:15 Arthritis  
*Felix Chew, MD*

1:55 Metabolic and Hematogenous Disease of the Bone  
*Felix Chew, MD, EdM, MBA*

2:35 Musculoskeletal Trauma  
*Michael Richardson, MD*

## 3:15 Break

3:30 Musculoskeletal Tumors  
*Hyojeong Mulcahy, MD*

4:10 Musculoskeletal MRI  
*Jack Porrino, MD*

4:50 Musculoskeletal Ultrasound  
*Jack Porrino, MD*

## 5:30 Adjourn

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# Monday, March 30, 2015

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## 7:30 Sign-In and Continental Breakfast

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### Nuclear

Moderator:

*Sanaz Behnia, MD*

8:00 Esophagus, Stomach and Duodenum  
*Jabi Shriki, MD*

8:40 Bone, Thyroid, Parathyroid  
*Sanaz Behnia, MD*

9:20 Cardiac and Pulmonary  
*Shana Elman, MD*

## 10:00 Break

# Monday, March 30, 2015

(...continued)

## Nuclear

Moderator:

*Sanaz Behnia, MD*

- 10:15 Gastrointestinal and Genitourinary Systems  
*Manuela Matesan, MD, PhD*
- 10:55 Central Nervous System  
*David Lewis, MD*
- 11:35 Infection, Inflammation and Neoplasms  
*Hubert Vesselle, PhD, MD*

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### 12:15 Lunch (on your own)

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- 1:15 Non-Interpretive Skills  
*Annemarie Relyea-Chew, JD, MS*

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## Ultrasound

Moderator:

*Puneet Bhargava, MD*

- 1:55 Contrast  
*Carolyn Wang, MD*
- 2:35 Thyroid, Parathyroid and Vascular Ultrasound  
*Manjiri Dighe, MD*
- 3:15 Break**
- 3:30 Obstetrical and Gynecologic Ultrasound  
*Manjiri Dighe, MD*
- 4:10 Fetal Ultrasound  
*Theodore Dubinsky, MD, FSRU*
- 4:50 Liver, Gallbladder and Renal Ultrasound  
*Theodore Dubinsky, MD, FSRU*

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### 5:30 Adjourn

# Tuesday, March 31, 2015

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### 7:30 Sign-In and Continental Breakfast

## Interventional

Moderator:

*Karim Valji, MD*

- 8:00 Vascular Diagnosis  
*Karim Valji, MD*
- 8:40 Non-Vascular Interventions  
*Karim Valji, MD*
- 9:20 Arterial Interventions  
*Christopher Ingraham, MD*

### 10:00 Break

- 10:15 Arterial Interventions Part 2  
*George Soltes, MD*
- 10:55 Venous Interventions  
*George Soltes, MD*

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- 11:35 Non-Interpretive Skills  
*Annemarie Relyea-Chew, JD, MS*

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### 12:15 Lunch (on your own)

# Tuesday, March 31, 2015

(...continued)

Mammography Moderator: Peter Eby, MD	1:15	Calcifications <i>Grace Kalish, MD</i>
	1:55	Masses and Asymmetry <i>Jennifer Kohr, MD</i>
	2:35	Ultrasound Evaluation of a Breast Mass <i>Jennifer Kohr, MD</i>
	<b>3:15</b>	<b>Break</b>
	3:30	Strange and Specific Diagnoses of the Breast <i>Katherine Dee, MD</i>
	4:10	Key Management Issues in Breast Imaging <i>Peter Eby, MD</i>
	4:50	MRI and Interventions of Breast Imaging <i>Peter Eby, MD</i>
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	5:30	<b>Adjourn</b>

# Wednesday, April 1, 2015

## 7:30 Sign-In and Continental Breakfast

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Chest/Cardiac Moderator: Sudhakar Pipavath, MD	8:00	Tracheobronchial Disease <i>Sudhakar Pipavath, MD</i>
	8:40	Trauma of the Chest <i>Eric Stern, MD</i>
	9:20	Focal Opacities <i>Gautham Reddy, MD</i>
	<b>10:00</b>	<b>Break</b>
	10:15	Diffuse Lung Disease <i>Jitesh Ahuja, MD</i>
	10:55	Mediastinum and Pleura <i>J. David Godwin, MD</i>
	11:35	Nodules and Malignancy <i>Julie Takasugi, MD</i>
	<b>12:15</b>	<b>Lunch (on your own)</b>
	1:15	Cardiovascular Imaging <i>Gregory Kicska, MD, PhD</i>

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GI Moderator: Jabi Shriki, MD	1:55	NRC <i>James Velez, PharmD</i>
	2:35	Small Bowel and Colon <i>Michael McNeeley, MD</i>
	<b>3:15</b>	<b>Break</b>

# Wednesday, April 1, 2015

(...continued)

GI	3:30	Liver, Gallbladder and Bile Ducts <i>Neeraj Lalwani, MD</i>
Moderator: <i>Jabi Shriki, MD</i>	4:10	Pancreas and Spleen <i>Carlos Cuevas, MD</i>
	4:50	Peritoneum and Mesentery <i>Ryan O'Malley, MD</i>
	5:30	<b>Adjourn</b>

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# Thursday, April 2, 2015

	7:30	<b>Sign-in and Continental Breakfast</b>
Neuro	8:00	Head and Neck Imaging <i>Roberta Dalley, MD</i>
Moderator: <i>Kathleen Fink, MD</i>	8:40	Neurophakomatoses <i>Roberta Dalley, MD</i>
	9:20	Intracranial Tumors <i>James R. Fink, MD</i>
	10:00	<b>Break</b>
	10:15	White Matter, Metabolic and Degenerative Disease <i>Dean Shibata, MD</i>
	10:55	Vascular Disease and Intracranial Hemorrhage <i>Mahmud Mossa-Basha, MD</i>
	11:35	Central Nervous System Infections <i>Kathleen Fink, MD</i>
	12:15	<b>Lunch (on your own)</b>
	1:15	Spine Imaging <i>Jayson Benjert, DO</i>
Pediatrics	1:55	Pediatric Neurologic Imaging <i>Jason Nixon, MD</i>
Moderator: <i>Ramesh Iyer, MD</i>	2:35	Pediatric Chest Imaging <i>Jonathan Swanson, MD</i>
	3:15	<b>Break</b>
	3:30	Pediatric Gastrointestinal Imaging <i>Teresa Chapman, MD, MA</i>
	4:10	Pediatric Genitourinary Imaging <i>Sadaf Bhutta, MBBS</i>
	4:50	Pediatric Musculoskeletal Imaging <i>Jeffrey Otjen, MD</i>
	5:30	<b>Adjourn</b>

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# Radiology Review Course

March 29 - April 2, 2015

## COURSE FEES

	MD/DO/PhD	Resident & Fellow**	UW & VMMC/VA Residents & Fellows
Full Course	\$975.00	\$645.00	\$395.00
Two Days	\$495.00	n/a	n/a

MJ1510

## REGISTRATION

First	MI	Last
Professional Title <input type="checkbox"/> MD <input type="checkbox"/> DO <input type="checkbox"/> PhD <input type="checkbox"/> ARNP <input type="checkbox"/> RN <input type="checkbox"/> PA <input type="checkbox"/> Other:		
Street		
City	State	Zip
Phone ( ) -	Email	

If attending 2 days, indicate which two days			
<input type="checkbox"/> SU	<input type="checkbox"/> M	<input type="checkbox"/> T	<input type="checkbox"/> W
<input type="checkbox"/> TH			

## RETURN COMPLETED REGISTRATIONS

## PAYMENT *\*\*Residency/Fellowship/VA Program, if applicable -*

<input type="checkbox"/> Check (payable to University of Washington) for \$
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<input type="checkbox"/> Credit Card charge \$	<input type="checkbox"/> Visa	<input type="checkbox"/> MC	<input type="checkbox"/> Discover
Card #	Exp Date		
CCV #	Signature		

<input type="checkbox"/> UW Budget	Budget Name	Budget #
Box #	Proj	Opt
		Task

BY MAIL:  
 UWCME  
 Box 359441  
 Seattle, WA 98195-9441

BY FAX:  
 206.221.4525

CALL:  
 206.543.1050  
 with questions

Register online at [uwcme.org](http://uwcme.org)