

# Pacific Northwest Radiological Society

## 65th ANNUAL MEETING

April 1 – 3, 2011

The Hyatt Olive 8 Hotel

Downtown Seattle, Washington



This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the Washington State Medical Association (WSMA) and Pacific Northwest Radiological Society. The WSMA is accredited by the ACCME to provide continuing medical education for physicians. This activity meets the criteria for up to 8 Category 1 CME and each physician should claim only those hours of credit that he/she actually spent in the educational activity.

*Jointly Sponsored by:*

**Pacific Northwest  
Radiological Society**



Established  
in 1946

**WSMA**

## COURSE DESCRIPTION AND OBJECTIVES

Earn up to 8 Category 1 CME credits, and attend presentations by renowned radiologists in the Emerald City. This course is designed to provide state-of-the-art continuing medical education for practicing radiologists, residents and technologists.

The course format is a combination of lectures and interactive discussions, and questions and answer periods between faculty and participants. We will focus on the latest developments to:

- Understand the emerging sports consultant role of radiologists.
- Define the potential demand on radiologists at the community, elite amateur and professional athletic levels, with emphasis on the Vancouver 2010 games.
- Understand the radiation-related risks to the fetus during imaging.
- Understand the appropriateness of an exam for a set of common clinical scenarios during pregnancy.
- Understand the policy timeline that has brought us to the recent Affordable Care Act.
- Identify four techniques to reduce radiation use in CT
- Interpret technologies which reduce CT radiation dose.
- Determine an appropriate differential diagnosis for supratentorial masses.
- Identify development in breast screening in the US, including the 2009 UPSTF recommendations.
- Utilize diffusion weighted imaging to help diagnose infratentorial tumors.

- Understand the future direction of screening studies, trials and techniques and their role in early detection of breast cancer, decreased mortality and decreased morbidity associated with treatment.
- Recognize new important hardware for trauma fixation.
- Understand impacts and opportunities for Radiology.  
*And much more!*

This course will present an update on the latest radiology capabilities, imaging protocols and clinical applications. It is designed to assist you in applying these techniques, enhancing your clinical practice skills and providing you with insights on current and future developments. The course format is a combination of lectures and interactive discussions and questions and answer periods between faculty and participants.



## COURSE FACULTY

### **Puneet Bhargava, MBBS, DNB**

Assistant Professor of Radiology  
University of Washington and  
Seattle VA Medical Center  
Seattle, WA

### **Teresa Chapman, MD, MA**

Assistant Professor of Radiology  
University of Washington and  
Seattle Children's Hospital  
Seattle, WA

### **Bruce B. Forster, MSc, MD, FRCPC**

Professor and Head  
Department of Radiology  
University of British Columbia  
Vancouver, BC

### **Martin Gunn, MBChB, FRANZCR**

Assistant Professor of Radiology  
University of Washington and  
Harborview Medical Center  
Seattle, WA

### **Alice Ha, MD**

Assistant Professor of Radiology  
University of Washington  
Seattle, WA

### **Gregory Kicska, MD, PhD**

Assistant Professor of Radiology  
University of Washington  
Seattle, WA

### **Constance Lehman, MD, PhD**

Professor and Vice Chair  
Director, Breast Imaging, Department of  
Radiology, University of Washington and  
Seattle Cancer Care Alliance  
Seattle, WA

### **Ken F. Linnau, MD, MS**

Assistant Professor of Radiology  
University of Washington and  
Harborview Medical Center  
Seattle, WA

### **Jonathan Medverd, MD**

Assistant Professor of Radiology  
University of Washington and  
Seattle VA Medical Center  
Seattle, WA

### **Mariam Moshiri, MD**

Assistant Professor of Radiology  
University of Washington  
Seattle, WA

### **Jason Nixon, MD**

Chief Resident, Department of Radiology  
University of Washington  
Seattle, WA

### **Angelisa Paladin, MD**

Associate Professor of Radiology  
Director, Diagnostic Radiology Residency  
Program, University of Washington and  
Seattle Children's Hospital  
Seattle, WA

### **Sudhakar Pipavath, MD**

Assistant Professor of Radiology  
University of Washington  
Seattle, WA

### **Gautham P. Reddy, MD, MPH**

Professor and Vice Chair for Education  
Director, Thoracic Imaging  
University of Washington  
Seattle, WA

### **Claire Sandstrom, MD**

Chief Resident, Department of Radiology  
University of Washington  
Seattle, WA

### **William Shuman, MD**

Professor and Vice Chair  
Department of Radiology  
University of Washington  
Seattle, WA

### **Eric J. Stern, MD**

Professor and Vice Chair for Academic Affairs  
University of Washington  
Seattle, WA

### **Jonathan O. Swanson, MD**

Assistant Professor of Radiology, University of  
Washington and Seattle Children's Hospital  
Seattle, WA

### **Kathleen Tozer-Fink, MD**

Assistant Professor of Radiology  
University of Washington  
Seattle, WA

# SCHEDULE

PNWRS 65TH ANNUAL MEETING | THE HYATT OLIVE 8 HOTEL | SEATTLE, WASHINGTON

FRIDAY, APRIL 1		
6:00 PM	Welcome Reception	
SATURDAY, APRIL 2		
8:00 AM	Welcome	Gautham Reddy, MD and Eric Stern, MD
8:05 AM	CT Radiation Dose Reduction Techniques	William Shuman, MD
8:30 AM	Mammography: Our Past, Present, and Future	Constance Lehman, MD
8:55 AM	Imaging Appropriateness in Pregnancy	Puneet Bhargava, MD
9:20 AM	Inflammatory Disease of the Gastrointestinal tract	Mariam Moshiri, MD
9:45 AM	Questions	Moderator: Puneet Bhargava, MD
10:00 AM	BREAK	
10:30 AM	Chest Radiography: Common Misperceptions of Interpretation	Sudhakar Pipavath, MD
10:55 AM	HRCT of Nodules and Cysts	Gautham Reddy, MD
11:20 AM	Coronary CTA: Principles and Practice	Gregory Kicska, MD
11:45 AM	Questions	Moderator: Sudhakar Pipavath, MD
NOON	BUSINESS LUNCH	
1:15 PM	Winter Olympics: The radiology experience	Bruce B. Forster, MSc, MD, FRCPC
1:45 PM	Effect of Health Care Reform on Radiology	Jonathan Medverd, MD
2:10 PM	Global Outreach	Jonathan Swanson, MD and Eric Stern, MD
2:50 PM	Questions	Moderator: Jonathan Medverd, MD

## FRIDAY NIGHT RECEPTION

5:30 – 7:00 PM | Friday, April 1

The Hyatt Olive 8 ~ Ballroom AB

Please RSVP on the Registration Form

You and your guest are invited to attend a special welcoming reception Friday evening. Enjoy hosted hors d'oeuvres while you greet old acquaintances and meet new ones.

## ANNUAL BUSINESS LUNCHEON

Saturday, April 2 ~ Ballroom AB–Exhibit Hall

Plan to attend this hosted luncheon exclusively for PNWRS members. Receive an update on the society's business activities and give a hearty salute to outgoing President, Eric Stern MD.

## REGISTRATION INFORMATION

One registration form per person is required. Please type or print clearly. Your name badge will reflect the information you provide on the registration form. A registration confirmation will be emailed to you. If you do not receive your confirmation within two weeks of registering for the meeting, please contact the PNWRS office: 206-956-3624 or email: [LMK@WSMA.org](mailto:LMK@WSMA.org)

SATURDAY, APRIL 2 (continued)		
3:00 PM	BREAK	
3:30 PM	Film Interpretation Challenge	Jason Nixon, MD, Claire Sandstrom, MD, and Angelisa Paladin, MD
4:45 PM	ADJOURN	
SUNDAY, APRIL 3		
8:00 AM	Acute Herniations of the Abdomen: traumatic and non-traumatic emergencies	Ken Linnau, MD
8:30 AM	Musculoskeletal Trauma	Alice Ha, MD
9:00 AM	Intracranial Hemorrhage	Kathleen Tozer-Fink, MD
9:30 AM	The Northwest interconnected PACS: benefits for the regional trauma system	Martin Gunn, MB ChB
10:00 AM	Questions	Moderator: Martin Gunn, MB ChB
10:15 AM	BREAK	
10:45 AM	Announcement: Winner of Film Interpretation Challenge	Eric Stern, MD
10:50 AM	Pediatric Pulmonary Disease	Jonathan Swanson, MD
11:20 AM	Intracranial Masses in Children	Teresa Chapman, MD
11:50 AM	Questions	Moderator: Teresa Chapman, MD
NOON	ADJOURN	



## SEATTLE, WASHINGTON

It's easy to find limitless recreation, fabulous dining, and flourishing culture. Seattle offers some fantastic attractions: the Pike Place Market, the Space Needle, Experience Music Project, Pioneer Square, Theater District and the Seattle waterfront. To find out about upcoming downtown Seattle events, shopping, dining information and how best to get around, visit us online at: [www.downtownseattle.com](http://www.downtownseattle.com).

## CANCELLATION POLICY

The PNWRS must receive written notification of your cancellation. Submit to the PNWRS office, by email: [LMK@WSMA.org](mailto:LMK@WSMA.org) or fax at 206-441-5863. A \$50 processing fee will be deducted. No refunds will be issued after March 31, 2011.



# PNWRS CONFERENCE REGISTRATION FORM



*Please type or print*

Name \_\_\_\_\_ Spouse/Guest Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State/Province \_\_\_\_\_ Zip/Postal Code \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ E-mail \_\_\_\_\_

Registration fees cover CME credits, e-syllabus, Friday night reception for you and your guest, continental breakfast, and AM/PM refreshment breaks.

### REGISTRATION RATES QUOTED AND PAYABLE IN US DOLLARS

	Postmarked before March 18, 2011	Postmarked after March 18, 2011	Amount Enclosed
<input type="checkbox"/> <b>PNWRS Active/Emeritus Members</b>	<b>\$150.00</b>	<b>\$175.00</b>	_____
<input type="checkbox"/> <b>Nonmembers</b>	<b>\$350.00</b>	<b>\$375.00</b>	_____
<input type="checkbox"/> <i>Please apply the \$200.00 difference to a 3-year PNWRS membership</i>			
<input type="checkbox"/> <b>Allied Health Professionals</b>	<b>\$150.00</b>	<b>\$175.00</b>	_____
<input type="checkbox"/> <b>Residents and Fellows – Meeting Registration Only</b> <i>No Charge</i>			
<input type="checkbox"/> <b>Residents and Fellows – Opening Night Reception</b>	<b>\$25.00</b>		_____
<input type="checkbox"/> <b>Friday Night Reception, April 1 (self)</b> <input type="checkbox"/> <b>Attending with a Guest</b>			<i>No Charge</i>
<input type="checkbox"/> <b>Daily Registration (Non-Radiologist Physician): Saturday, or Sunday</b>	<b>\$95.00</b>		_____
<b>◆ Membership luncheon on Saturday, April 2nd:</b>			
<input type="checkbox"/> <b>Yes, I will attend</b>	<input type="checkbox"/> <b>No, I will not attend</b>		

**TOTAL DUE AND ENCLOSED (US funds):** \_\_\_\_\_

Please make checks payable and mail to: **PNWRS**  
2033 Sixth Avenue, Suite 1100  
Seattle, WA 98121

Credit Card Payment: (  Visa or  MasterCard Only ) • Fax to 206-441-5863

Print Name: \_\_\_\_\_

CC#: \_\_\_\_\_ Exp Date: \_\_\_\_\_

Signature: \_\_\_\_\_

**Inquiries** – PHONE: 206-956-3624 • FAX: 206-441-5863 • E-MAIL: LMK@wsma.org

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# Pacific Northwest Radiological Society

2033 Sixth Avenue, Suite 1100  
Seattle, Washington 98121

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Established  
in 1946

**WSMA**

### HOTEL RESERVATIONS

Located in the heart of downtown Seattle, The Hyatt at Olive 8 is convenient to sightseeing, shopping, the performing arts, museums and just blocks from the Pike Place Market. Sleek modern design and environmental responsibility converge seamlessly at Hyatt at Olive 8. The first LEED certified hotel in the city, this premier Seattle luxury hotel represents a new echelon for sustainability in the Pacific Northwest. Boasting an array of innovative energy and water saving features, the hotel offers guests the ability to continue their sustainable lifestyle while traveling. Hyatt at Olive 8 has the acclaimed spa Elaia and a 24-hour stay fit gym. The hotel's restaurant is Urbane – which presents the best of Northwest ingredients in a farm-to-table menu. There is also a lobby coffee shop and a wine bar.

Hyatt at Olive 8  
1635 - 8th Avenue  
Seattle, WA 98101

**HYATT**  
AT OLIVE 8

Hotel Reservations can be made by calling the hotel directly at 206-695-1234 or 1-800-233-1234. Be sure to ask for the “Pacific Northwest Radiological Society” special group rate: \$155.00 for a traditional room.

### 2010 – 2011 PNWRS OFFICERS

#### President

Eric Stern, MD

#### Vice President and 2010 Program Chair

Gautham Reddy, MD

#### Secretary-Treasurer

Philip Lund, MD

#### Washington Councillor

Jay Parikh, MD

*Past President, 2007-2008*

#### Oregon Councillor

Cynthia Holmes, MD

*Past President, 2009-2010*

#### Canadian Councillor

Brian Goodacre, MD

*Past President 2008-2009*

#### President Elect (2011-2012)

TBD

### DRIVING DIRECTIONS

**From Sea-Tac Airport:** Follow signs I-5 Northbound. Continue on I-5 North for 14 miles. Exit from the left lane at Seneca Street. Right on Sixth Avenue. Right on Pike Street. Left on Eighth Avenue. Continue forward through Pine Street. The Hyatt at Olive 8 entrance is the second driveway on the left.

**From I-5 North Bound:** Exit from the left lane at Seneca Street. Right on Sixth Avenue. Right on Pike Street. Left on Eighth Avenue. Continue forward through Pine Street. The entrance to our downtown Seattle hotel is the second driveway on the left.

**From I-5 South Bound:** Take the Union Street Exit. Continue forward onto Union Street. Turn right on Seventh Avenue. Right on Pike Street. Left on Eighth Avenue. Continue forward through Pine Street. The Hyatt at Olive 8 entrance is the second driveway on the left.

**From I-90 West Bound:** Merge onto I-5 North via Exit #2c toward Madison Street/Convention Center/Vancouver, BC. Take Madison Street/Convention Center exit. Follow exit forward onto Seventh Avenue. Right on Madison Street. Left on Eighth Avenue. Continue forward through Pine Street. The entrance to our Seattle downtown hotel is the second driveway on the left.

### PNWRS OFFICES

2033 Sixth Avenue, Suite 1100 | Seattle, WA 98121

(206) 441-9762, ext. 3006 | Fax: (206) 441-5863

Toll free: 1-800-552-0612, ext. 3006

Email: [LMK@wsma.org](mailto:LMK@wsma.org)

Administrative Staff: Linda Krause

### ACKNOWLEDGEMENTS

PNWRS would like to thank the following for their support:

Carefusion      Physicians Insurance  
Lippincott Williams and Wilkins