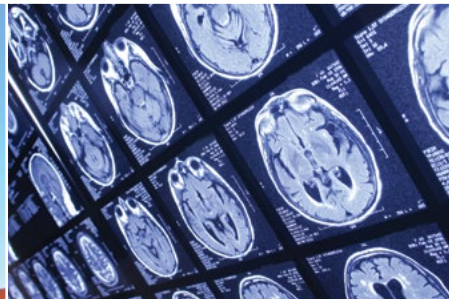


THE UNIVERSITY OF CHICAGO
Department of Radiology

21st Annual Conference

2016 Radiology Review

Monday, March 7 - Friday, March 11, 2016



Hyatt Chicago Magnificent Mile

633 North St. Clair Street
Chicago, Illinois 60611

Course Director:

Daniel E. Appelbaum, MD

CME Certified 47.5
plus SAM credits
offered!



THE UNIVERSITY OF
CHICAGO
MEDICINE &
BIOLOGICAL
SCIENCES

Register online at: cme.uchicago.edu

Invitation from the Course Director

We invite you to join us at this exciting, comprehensive review and update of the practical aspects of all major subspecialties of Diagnostic Radiology. Our experts are chosen for their excellence as teachers and they will share their clinical expertise and insight to help you improve your performance and practice. They will guide you to appropriate use of conventional imaging modalities such as plain film radiography, computed tomography, magnetic resonance imaging, ultrasound, nuclear medicine and angiography; and when appropriate, they will emphasize newer important imaging modalities including PET/CT, diffusion weighted MR, cardiac CT, and virtual colonoscopy. Current and future trends in radiology informatics will also be explored. Major emphasis will be placed on the practical and clinical aspects of Diagnostic Radiology. Diagnostic tips, techniques and pitfalls will be stressed and differential diagnoses of common radiological findings will be covered. Unknown case reviews will be held after each morning and afternoon lecture session — allowing participants to test themselves in a relaxed atmosphere. These popular sessions will stress practical clinical problems and differential diagnoses. Audience Response System (ARS) technology will be used throughout the course and many Self-Assessment Credits (SAMs) will be offered.

We hope that you will join us for the 21st iteration of this fantastic meeting and look forward to welcoming you to exciting Chicago!

Course Director,

Daniel E. Appelbaum, MD

Learning Objectives

At the conclusion of this educational activity, participants will be able to:

- Discuss differential diagnoses of common and less common diseases as visualized with general and subspecialty radiologic imaging techniques
- Incorporate into their practice clinically important applications for newer imaging methods such as breast tomosynthesis, diffusion MR tractography, cardiac CT/MR, virtual colonoscopy, PET/CT, SPECT/CT, and PET/MR
- Describe the most effective way to image patients with a variety of disease entities
- Discuss the strengths and limitations of different diagnostic imaging procedures

Target Audience

The target audience includes practicing radiologists and residents seeking a comprehensive review of Diagnostic Radiology.

Accreditation and Credit Designation

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

The University of Chicago Pritzker School of Medicine designates this live activity for a maximum of 47.5 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses and other healthcare professionals will receive a Certificate of Participation. For information on the applicability and acceptance of certificates of participation for educational activities certified for *AMA PRA Category 1 Credit*[™] from organizations accredited by the ACCME, please consult your professional licensing board.

This meeting is provisionally qualified as of October 2015 with full qualification by the ABR expected before the SAM is taken.

Educational Grants/Commercial Support

A complete listing of commercial support received will be provided in the conference materials.

Faculty Disclosure

It is the policy of The University of Chicago to ensure balance, independence, objectivity, and scientific rigor in all its individually sponsored or jointly sponsored educational activities. Individuals who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Mechanisms to ensure that presentations are free from commercial bias are in place. Faculty will also disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Full disclosure of this information will be published in the activity materials.

Chairman

David Paushter, MD, FACR
Professor and Chair
Department of Radiology
University of Chicago

Program Director

Daniel E. Appelbaum, MD
Associate Professor of Radiology
Director of Nuclear Medicine / PET Imaging
University of Chicago

The University of Chicago Faculty Speakers

Hiroyuki Abe, MD, PhD

Associate Professor of Radiology
Director, Breast Imaging Research

Saad Ali, MD

Assistant Professor of Radiology
Director, Spine Neuroradiology

Jonathan W. Berlin MD, MBA, FACR

Clinical Professor of Radiology
Director of Business Development
NorthShore University
HealthSystem
University of Chicago Pritzker
School of Medicine

Paul J. Chang, MD, FSIIM

Professor and Vice-Chair,
Radiology Informatics
Medical Director, Pathology
Informatics
Medical Director, Enterprise
Imaging

Gregory Christoforidis, MD

Professor of Radiology and
Surgery
Section Chief, Neuroradiology

Jonathan H. Chung MD

Associate Professor of Radiology

John M. Collins, MD, PhD

Assistant Professor of Radiology
Director, Advanced Neuroimaging

Abraham H. Dachman, MD, FACR

Professor of Radiology
Director, Fellowship Programs

Karin Dill, MD

Associate Professor of Radiology
and Medicine
Co-Director, Cardiac CT and MRI

Larry B. Dixon, MD

Associate Professor of Radiology
Director, Musculoskeletal
Advanced Clinical Experience

Kate Feinstein, MD, FACR

Professor of Radiology and
Surgery
Section Chief, Pediatric Radiology

Daniel Ginat, MD

Assistant Professor of Radiology
Director, Head & Neck Imaging

Gregory L. Katzman, MD, MBA

Professor of Radiology
Vice-Chair, Radiology Operations

Kirti Kulkarni, MD

Assistant Professor of Radiology

Seon-Kyu Lee, MD, PhD

Associate Professor of Radiology,
Surgery and Neurology
Director, Neurointerventional
Radiology

Martin J. Lipton, MD, FACR, FACC

Professor of Radiology and
Medicine (Emeritus)

Jonathan Lorenz, MD

Professor of Radiology

Heber MacMahon, MB, BCh

Professor of Radiology
Section Chief, Thoracic Radiology

Melvy Mathew, MD

Assistant Professor of Radiology

Steven Montner, MD

Associate Professor of Radiology

Rakesh Navuluri, MD

Assistant Professor of Radiology

Seng Ong, MD

Assistant Professor of Radiology
Director, Radiology Residency
Program

Aytekin Oto, MD

Professor of Radiology and
Surgery
Chief of Abdominal Imaging and
Body MRI

Pritesh Patel, MD

Assistant Professor of Radiology

Monther Gandeel, MD

Neuroradiology Fellow

David N. Rabin, MD

Assistant Professor of Radiology
NorthShore University
HealthSystem
University of Chicago Pritzker
School of Medicine

David Schacht, MD

Assistant Professor of Radiology
Section Chief, Breast Imaging

Deepa Sheth, MD

Assistant Professor of Radiology

G. Scott Stacy, MD

Associate Professor of Radiology
Section Chief, Musculoskeletal
Radiology

Stephen Thomas, MD

Assistant Professor of Radiology

Thuong Van Ha, MD

Professor of Radiology
Director, Vascular Interventional
Clinical Research

Carina Yang, MD

Assistant Professor of Radiology
Director, Pediatric Neuroradiology

Steven Zangan, MD

Associate Professor of Radiology
Associate Program Director,
Radiology Residency

Mario Zaritzky, MD

Assistant Professor of Radiology

Guest Speakers

David Casalino, MD

Professor of Radiology
Chief, Genitourinary Radiology
Northwestern University

Frank H. Miller, MD, FACR

Professor of Radiology
Director of Body Imaging
Director of MRI
Northwestern University

Sundeep M Nayak, MD

Chief of Imaging, Sr. Physician;
The Permanente Medical Group,
San Leandro, CA
Associate Clinical Professor
of Radiology
UCSF School of Medicine,
San Francisco, CA

Monday, March 7

6:10 am **Registration for Radiology Review and Continental Breakfast**

7:10 **Welcome**

Daniel E. Appelbaum, MD

Gastrointestinal Moderator:

Stephen Thomas, MD

7:15 **Thyroid Nodule Evaluation and Management: Evolving Topics**

David Paushter, MD, FACR

8:00 **Biliary Imaging**

Stephen Thomas, MD

8:30 **Multimodality Lower GI Tract**

Abraham H. Dachman, MD, FACR

9:00 **Adrenal Imaging**

Stephen Thomas, MD

9:30 **Coffee Break**

9:45 **Virtual Colonoscopy**

Abraham H. Dachman, MD, FACR

10:30 **Solid and Cystic Pancreatic Masses**

Frank H. Miller, MD, FACR

11:00 **Cirrhotic Liver Disease**

Frank H. Miller, MD, FACR

11:45 **Body MR: A Practical Approach**

Frank H. Miller, MD, FACR

12:15 **Lunch on your own**

Nuclear Medicine Moderator:

Daniel E. Appelbaum, MD

1:15 **Bone Scintigraphy**

Daniel E. Appelbaum, MD

2:15 **Overview of PET and PET/CT**

Daniel E. Appelbaum, MD

3:15 **Coffee Break**

3:30 **Nuclear Medicine: Applications in the Acute & Emergency Setting, Pt. I**

Sundeep Nayak, MD

4:15 **Nuclear Medicine: Applications in the Acute & Emergency Setting, Pt. II**

Sundeep Nayak, MD

4:45 **Nuclear Medicine: Applications in the Clinic Setting, Pt. I**

Sundeep Nayak, MD

5:15 **Nuclear Medicine: Applications in the Clinic Setting, Pt. II**

Sundeep Nayak, MD

5:45 **Nuclear Medicine Unknowns**

Daniel E. Appelbaum, MD

6:15 pm **End of Daily Session**

Tuesday, March 8

6:45 am **Continental Breakfast**

Neuroradiology Moderator:

Gregory Christoforidis, MD

7:15 **Imaging Ischemic Stroke**

Gregory Christoforidis, MD

7:45 **Imaging Hemorrhagic Stroke**

Gregory Christoforidis, MD

8:15 **Vascular Diseases of the Brain**

Seon-Kyu Lee, MD, PhD

8:45 **Orbits**

Gregory Christoforidis, MD

9:15 **Coffee Break**

9:30 **Infectious and Non-infectious Intracranial Inflammatory Disorders**

Gregory Christoforidis, MD

10:15 **Acquired Pediatric Neurologic Disorders**

Carina Yang, MD

10:45 **Advanced Neuroimaging: MRS, fMRI, Diffusion Tensor, and Susceptibility**

Gregory L. Katzman, MD, MBA

11:30 **Lunch on your own**

12:30 **Diagnosis and Management of CNS Neoplasms**

Sundeep Nayak, MD

1:30 **White Matter Diseases**

John M. Collins, MD, PhD

2:15 **Degenerative and Inflammatory Diseases of the Spine**

Saad Ali, MD

2:45 **Spine Tumors**

John M. Collins, MD, PhD

3:15 **Coffee Break**

3:30 **Imaging of Head and Neck Squamous Cell Carcinoma**

Sundeep Nayak, MD

4:00 **Suprahyoid neck**

Daniel Ginat, MD

4:45 **Temporal Bone**

Daniel Ginat, MD

5:15 **Paranasal Sinuses**

Sundeep Nayak, MD

5:45 **Neuroradiology Unknowns**

Monther Qandeel, MD

6:15 pm **End of Daily Session**

Wednesday, March 9

6:45 am **Continental Breakfast**

**Pediatric Case-Based Reviews:
Emergency Department Radiology
Moderator:**
Kate Feinstein, MD, FACR

7:15 **Pediatric Thorax**
Mario Zaritzky, MD

7:55 **Pediatric Airway**
Kate Feinstein, MD, FACR

8:35 **Pediatric Gastrointestinal**
Seng Ong, MD

9:15 **Coffee break**

9:30 **Pediatric Genitourinary**
Kate Feinstein, MD, FACR

10:10 **Pediatric Musculoskeletal**
Seng Ong, MD

10:50 **Pediatric Neuroradiology**
Carina Yang, MD

11:30 **Lunch on your own**

**Interventional Radiology for the
Diagnostic Radiologist Moderator:**
Jonathan Lorenz, MD

12:30 **Vascular Diagnosis and Therapy**
Jonathan Lorenz, MD

1:10 **Non-Vascular Diagnosis and Therapy**
Steven Zangan, MD

1:40 **Interventional Oncology**
Thuong Van Ha, MD

2:10 **Clinical Quiz: Errors Made on Imaging
Studies by Diagnostic Radiologists
Interpreting IR Related Interventions**
Rakesh Navuluri, MD

2:40 **Coffee Break**

Breast Imaging Moderator:
David Schacht, MD

2:55 **Mammography and Breast Ultrasound**
David Schacht, MD

3:45 **Breast MRI**
Hiroyuki Abe, MD, PhD

4:35 **Dense Breasts and New
Screening Methods**
Deepa Sheth, MD

5:25 **Radiology Pathology Discordance**
Kirti Kulkarni, MD

6:15 pm **End of Daily Session**

Thursday, March 10

6:45 am **Continental Breakfast**

Musculoskeletal Moderator:
G. Scott Stacy, MD

7:15 **MR Imaging of the Foot and Ankle**
G. Scott Stacy, MD

7:50 **MR Imaging of the Shoulder**
Larry B. Dixon, MD

8:20 **MR Imaging of the Hip**
G. Scott Stacy, MD

8:55 **Bone Tumors**
Larry B. Dixon, MD

9:55 **Coffee Break**

10:10 **Metabolic Bone Disease**
Larry B. Dixon, MD

10:40 **MR Imaging of the Knee**
G. Scott Stacy, MD

11:30 **Imaging Arthritis**
Larry B. Dixon, MD

12:00 **Musculoskeletal Unknowns**
G. Scott Stacy, MD

12:30 **Lunch on your own**

GI/GU Moderator:
Aytekin Oto, MD

1:30 **Upper Genitourinary Imaging**
David Casalino, MD

2:15 **Updates on Body CT protocols and
Dual Energy CT**
Pritesh Patel, MD

2:45 **Lower Genitourinary Imaging**
David Casalino, MD

3:30 **Genitourinary Unknowns**
David Casalino, MD

4:00 **Coffee Break**

4:15 **Focal Lesions in the Non-Cirrhotic Liver**
Melvy Mathew, MD

5:00 **CT and MR Enterography**
Aytekin Oto, MD

5:30 **Prostate MR**
Aytekin Oto, MD

6:00 **GI Unknowns**
Kirti Kulkarni, MD

6:30 **End of Daily Session**

Friday, March 11

6:45 am **Continental Breakfast**

Chest Moderator:
Heber MacMahon, MB, BCh

7:15 **Pulmonary Nodules and Masses**
Heber MacMahon, MB, BCh

7:45 **Diffuse Nodular Lung Disease**
Jonathan H. Chung, MD

8:15 **Mediastinum**
Steven Zangan, MD

8:45 **Cystic Lung Disease**
Steven Montner, MD

9:15 **Coffee Break**

9:30 **Interstitial Lung Disease**
Steven Montner, MD

10:00 **MDCT and Pulmonary Embolism**
Heber MacMahon, MB, BCh

10:30 **Chest Unknowns**
Jonathan H. Chung, MD

11:00 **Enhanced Radiologist Communication and Collaboration: Leveraging Information Technology**
Paul Chang, MD, FSIIM

11:45 **Four Ways Healthcare Economics Will Likely Shape Radiology Practice in the Next Decade**
Jonathan Berlin, MD, MBA, FACR

12:15 **Lunch on your own**

Obstetrical Ultrasound Moderator:
David N. Rabin, MD

1:15 **Obstetrical Ultrasound I**
David N. Rabin, MD

2:00 **Obstetrical Ultrasound II**
David N. Rabin, M.D

2:45 **Obstetrical Ultrasound Unknowns**
David N. Rabin, M.D

Cardiac Moderator:
Karin Dill, MD

3:15 **Radiology of Congenital Heart Disease**
Karin Dill, MD

3:45 **Coffee Break**

4:00 **Cardiomyopathy and Pericardial Disease**
Martin J. Lipton, MD, FACR, FACC

4:45 **Advanced Imaging: Cardiovascular CT and MRI** *Karin Dill, MD*

5:30 **Cardiac Unknowns**
Martin J. Lipton, MD, FACR, FACC, and Karin Dill, MD

6:00 pm **Adjourn**

Location and Accommodations

We are excited and pleased to be returning to Hyatt Chicago Magnificent Mile in 2016! At the Hyatt Chicago Magnificent Mile Hotel, you are in the heart of Chicago, steps from Michigan Avenue, the Gold Coast neighborhood, and Lake Michigan. This classic urban hotel is a symbol of hospitality on The Magnificent Mile. We are pleased to offer a special discounted rate of \$189.00 per night for single or double occupancy. Room reservations must be made by **February 15, 2016** to guarantee the reduced rate. All rates are subject to state and city taxes and must be guaranteed and accompanied by a first night room deposit or guaranteed with a major credit card. Check-in time is 3 pm and check-out time is 12 pm. Cancellations must be received 24 hours prior to arrival or one night room and tax will be assessed.

To reserve a room at this special rate, please call the hotel toll free at 888-591-1234 and identify yourself as part of the University of Chicago Radiology Review 2016 event or book online at: resweb.paskey.com/go/RadiologyReview2016

With a locale just one block from Michigan Avenue, near Chicago dining, shops, museums and art galleries, this hotel provides a great base to explore exciting Chicago tourist attractions. Additionally, you can maintain your healthy lifestyle with a satisfying workout in the fitness center or a swim in the sparkling indoor pool.

To help plan your stay in Chicago, visit: www.choosechicago.com

All participants are responsible for making their own travel arrangements.




The University of Chicago reserves the right to cancel or postpone this conference due to unforeseen circumstances. In the unlikely event this activity must be cancelled or postponed, the registration fee will be refunded; however, The University of Chicago is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/ travel/ lodging agencies.

Registration

How To Register

 **ONLINE** cme.uchicago.edu (**credit card payment only**)

To pay by check, you must mail this registration form with payment to:

 **MAIL** The University of Chicago
Department of Radiology
c/o Radiology Review 2016
5841 S. Maryland Ave, MC 2026
Chicago, IL 60637

(Fax verification letter to 773-834-6237)

Registration Fee

The \$1325 registration fee includes: conference registration, continental breakfast, refreshment breaks, and a comprehensive electronic syllabus. The conference fee for residents, with letter of verification, is \$1025. While registration is open until the start of the conference, we encourage early registration to enable us to provide the best possible service to participants.

Physicians and Scientists	\$1325
Residents	\$1025

Contact Information

Name _____ Degree _____

Specialty _____

Organization _____

Preferred Mailing Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Email _____

- Check enclosed (US funds only), payable to The University of Chicago (Tax ID#36-2177139)
 You must check this box if you do not want your mailing address shared with conference participants and/or exhibitors (if applicable).

Please tell us how you found out about this activity, check all that apply:

- Colleague Save the Date Brochure Internet Email
 Journal Ad Previous Attendance Other _____

Cancellation Policy

If you cancel your participation in this conference, your registration fee, less \$150.00 administrative fee, will be refunded when written notification is received by February 15, 2016. No refunds will be issued after February 15, 2016.

Accessibility

The University of Chicago is committed to providing equal access appropriate to need and circumstance and complies fully with the legal requirements of the Americans with Disabilities Act. If you are in need of special accommodation, please contact our office at 773-702-3550 or via email at aice-gipson@radiology.bsd.uchicago.edu

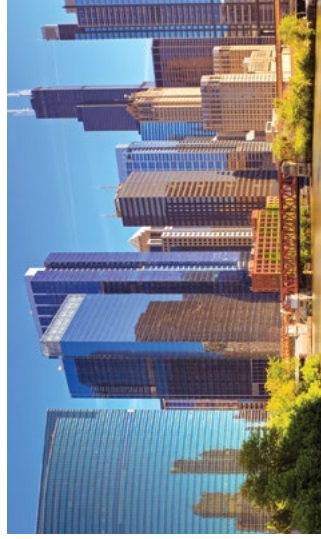
For additional information about this activity, please contact Amy Ice-Gipson at 773-702-3550

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