THE UNIVERSITY OF CHICAGO
Department of Radiology

22nd Annual Conference

2017 Radiology Review

Monday, April 3 – Friday, April 7, 2017

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!

New: Contrast Reaction Management Simulation Module— See inside for details.

Register online at: cme.uchicago.edu

THE UNIVERSITY OF CHICAGO MEDICINE & BIOLOGICAL SCIENCES

Conference Description

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 healthcare economics 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 section — 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 22nd iteration of this fantastic meeting and look forward to welcoming you to exciting Chicago!

Course Director,
Daniel E. Appelbaum, MD

Goals and Learning Objectives

The goal of this activity is to provide participants with critical updates in the field of radiology that will improve their competence and improve patient care. At the conclusion of this educational activity, participants will be able to:

- Identify the clinical features of common and less common diseases to create an appropriate differential diagnoses;
- Discuss how both general and subspecialty radiologic imaging techniques lead to the appropriate differential diagnoses of common and less common diseases;
- Detail how the newer imaging methods of breast tomosynthesis, diffusion MR tractography, caridac CT/MR, virtual colonoscopy, PET/CT, SPECT/CT, and PET/MR can lead to improved diagnoses;
- Compare the most effective imaging methods of different disease entities;
- Analyze the strengths and limitations of different diagnostic imaging procedures;
- Describe how technology and the greater healthcare system affect the practice of radiology.

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 Credits™*. 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 2016 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.

Disclosure Declarations

As a provider accredited by the ACCME, The University of Chicago Pritzker School of Medicine asks everyone who is in a position to control the content of an education activity to disclose all relevant financial relationships with anycommercial interest. This includes any entity producing, marketing, re-selling, or distributing health care goods or services consumed by or used on patients. The ACCME defines “relevant financial relationships” as financial relationships in any amount occurring within the past 12 months including financial relationships of a spouse or life partner that could create a conflict of interest. Mechanisms are in place to identify and resolve any potential conflict of interest prior to the start of the activity.

Additionally, The University of Chicago Pritzker School of Medicine requires Authors to identify investigational products or off-label uses of products regulated by the US Food and Drug Administration at first mention and where appropriate in the content.

Conference Faculty

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

Juliana Bueno, MD
Assistant Professor of Radiology

Greg Christoforidis, MD
Professor of Radiology and Surgery
Section Chief, Neuroradiology

Jonathan H. Chung MD
Associate Section Chief, Thoracic Radiology
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

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

Kirti Kulkarni, MD
Assistant Professor of Radiology

Luis Landeras, MD
Assistant Professor of Radiology

Seon Kyu Lee, MD, PhD
Associate Professor of Radiology, Surgery and Neurology
Director, Neurointerventional Radiology

Jeffrey Leef, MD
Associate 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

Amit Patel, MD
Associate Professor of Medicine and Radiology
Director of Cardiac MR and CT

David N. Rabin, MD
Assistant Professor of Radiology
NorthShore University HealthSystem
University of Chicago Pritzker School of Medicine
Evanston, IL

David Schacht, MD
Assistant Professor of Radiology
Section Chief, Breast Imaging

Deepa Sheth, MD
Assistant Professor of Radiology

Scott Sorenson, MD
Neuroradiology Fellow

G. Scott Stacy, MD
Associate Professor of Radiology
Section Chief, Musculoskeletal Radiology

Stephen Thomas, MD
Assistant Professor of Radiology

Thuong VanHa, 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

Conference Agenda - 2017

Monday, April 3

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	**Multidetector CT of Acute GI Hemorrhage** *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	**PET Imaging: Current Techniques and New Clinical Tracers** *Daniel E. Appelbaum, MD*
3:15	**Coffee Break**
3:30	**Nuclear Medicine: Applications in the Acute & Emergency Setting** *Sundeep Nayak, MD*
4:45	**Nuclear Medicine: Applications in the Clinic Setting** *Sundeep Nayak, MD*
5:45	**Nuclear Medicine Unknowns** *Daniel E. Appelbaum, MD*
6:15 pm	**End of Daily Session**

Tuesday, April 4

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	**Trauma and CT of the Head** *Gregory Christoforidis, MD*
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	**Degenerative and Inflammatory Diseases of the Spine** *Saad Ali, MD*
11:15	**Spine Tumors** *Saad Ali, MD*
11:45	**Lunch On Your Own**
12:45	**Approaching Common Intracranial Neoplasms** *Sundeep Nayak, MD*
1:45	**White Matter Diseases** *John M. Collins, MD, PhD*
2:30	**Advanced Neuroimaging: MRS, fMRI, Diffusion Tensor and Susceptibility** *John M. Collins, MD, PhD*
3:15	**Coffee Break**
3:30	**Brain Vascular Malformations** *Seon Kyu Lee, MD, PhD*
4:00	**Deep Spaces of the Neck** *Daniel Ginat, MD*
4:45	**Imaging of Head and Neck Squamous Cell Cancers** *Sundeep Nayak, MD*
5:15	**Temporal Bone** *Daniel Ginat, MD*
5:45	**Neuroradiology Unknowns** *Scott Sorenson, MD*
6:15 pm	**End of Daily Session**

Agenda subject to modification without notice.

Conference Agenda - 2017

Wednesday, April 5

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, FAC*
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: *Jeffrey Leef, MD*
12:30	**Vascular Diagnosis and Therapy** *Jeffrey Leef, 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, April 6

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	**CT and MR Enterography** *Aytekin Oto, 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	**Prostate MR** *Aytekin Oto, MD*
5:30	**Updates in Body CT** *Melvy Mathew, MD*
6:00	**GI Unknowns** *Kirti Kulkarni, MD*
6:30	**End of Daily Session**

Agenda subject to modification without notice.

Conference Agenda - 2017

Friday, April 7

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	**Pleural Disease** *Juliana Bueno, MD*
11:00	**Chest Unknowns** *Jonathan H. Chung, MD*
11:45	**Understanding How American Healthcare Economics Will Influence 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*
3:15	**Coffee Break**
	Cardiac Moderator: *Amit Patel, MD*
3:30	**Update on Cardiac CT** *Amit Patel, MD*
4:00	**Cardiac MR and Ischemic Heart Disease** *Amit Patel, MD*
4:30	**Cardiac MR and Non-ischemic and Infiltrative Cardiomyopathies** *Luis Landeras, MD*
5:00	**Cardiac Unknowns** *Luis Landeras, MD and Amit Patel, MD*
6:00 pm	**Adjourn**

Agenda subject to modification without notice.

Location and Accommodations

We are excited and pleased to be returning to Hyatt Chicago Magnificent Mile in 2017! 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 $209.00 per night for single or double occupancy. Room reservations must be made by March 10, 2017 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 2017 event or book online at:
resweb.passkey.com/go/RadiologyReview2017

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)

NEW!

Contrast Reaction Management Simulation Module—New this year we anticipate offering an additional live, active simulation module for Contrast Reaction Management, led by Dr. Carina Yang. Registration will open soon and will be limited. If interested please call 773-702-3550.

Registration Fee

The $1375 registration fee includes: conference registration, continental breakfast, refreshment breaks, and a comprehensive electronic syllabus. The conference fee for residents and military, with letter of verification, is $1000. 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.

	REGISTRATION FEE ADVANCED | ONSITE
Physicians and Scientists	$1375 | $1425
Residents/Fellows/Military (Fax verification letter to 773-702-1736)	$1000 | $1050

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 March 3, 2017. No refunds will be issued after March 3, 2017.

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 JMcMillin@radiology.bsd.uchicago.edu

For additional information about this activity, please contact Jaclyn McMillin at 773-702-3550.

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