



Advance Your Skills and Connect with **TOP RADIOLOGISTS**



Access the highest quality of education and the latest research at this must-attend event.

- Earn 54.75 CME credits and more than 24 SAM credits.
- Select from 147 sessions across 11 subspecialties.
- Learn from accomplished faculty.
- Hone your diagnostic skills.
- Explore hundreds of educational and scientific Electronic Exhibits.
- And more!

www.arrs.org/Meeting



Can't attend in San Diego—register to participate in the Virtual Annual Meeting.

Join a community of more than 2,500 radiologists from around the world at the 2014 Annual Meeting to advance your career and the medical imaging profession through comprehensive, practice-based education.

The Annual Meeting program will include hundreds of peer-reviewed scientific and educational exhibits; an array of Instructional Courses with practical information presented by accomplished faculty; and Scientific Sessions featuring timely research in radiology. The meeting will also offer a number of special events to enrich your experience, including:



Radiology M & M Meeting: Misinterpretations, Misses, and Mimics: The 2014 Categorical Course will highlight peer-reviewed data and provide you with the knowledge to implement practice-based strategies for mitigating the occurrence of errors. See page 10 for more details on registration for this course.

Case-Based Imaging Review Course: This course will showcase 275 diagnostic imaging cases in 11 subspecialties and will include optional audience interaction with polling—perfect for residents preparing for exams or active practice, as well as practicing radiologists looking to refine their skills. See page 12 for more details on registration for this course.

Breast Imaging Great Debate: Join the 2nd Annual Great Debate and contribute to an essential discourse highlighting the latest opinions on the controversial utilization of preoperative breast MRI in newly diagnosed breast cancer patients.

Lung Cancer Screening: A Practical Approach: Through this interactive discussion among experts, you will gain valuable insights on one of the most widely-discussed topics of the year. This event will be presented in cooperation with the Society of Thoracic Radiology.

Through its international partnerships and outreach, ARRIS is honored to partner with the Chinese Society of Radiology (CSR) to present the Global Exchange featuring China during the Annual Meeting. CSR representatives will present educational sessions with ARRIS faculty and award-winning CSR Electronic Exhibits will be highlighted.

ARRIS is committed to life-long learning for radiologists across all subspecialties, and by attending this meeting, not only will you enhance your knowledge and skills, but you will also build relationships in a community of diverse professionals at various stages in their career. With a structure designed to facilitate true interaction among faculty and participants, this meeting creates a professional dialogue that enhances the medical imaging profession. We invite you to join that dialogue!

Join us in San Diego to connect, learn, and advance.

Norman J. Beauchamp, Jr., MD, MHS
ARRIS President

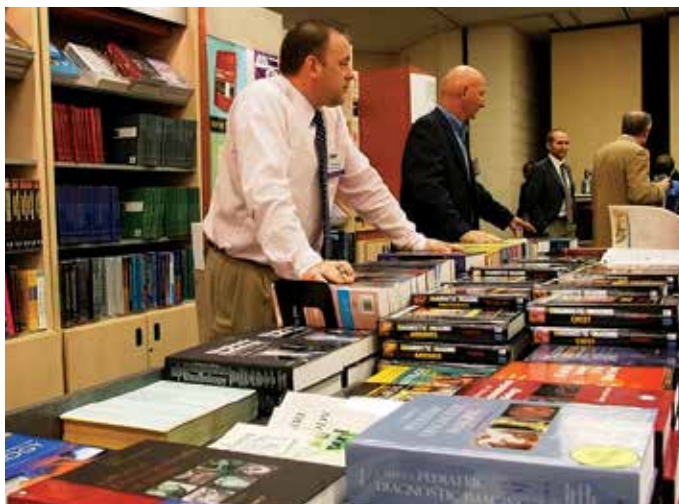
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**REGISTER BY
FEB 21 TO
RECEIVE THE
LOWEST RATES!**

**The early bird
deadline for the ARRS
Annual Meeting is
Friday, February 21.**

**After this date, the
regular pre-registration
rates will apply.**



Register Online

www.arrs.org/meeting

Register by Fax

(703) 729-4839

Register by Mail

ARRS, PO Box 418863
Boston, MA 02125-8863

Questions

Phone: 866-940-2777 or 703-729-3353

Email: meeting@arrs.org

Office Hours: Monday–Friday

8:30 am–5:00 pm Eastern Time Zone

CAN'T COME TO SAN DIEGO?

Register to Attend the Virtual Meeting with Live Streaming Online

Participate in the Virtual Meeting—
a live streaming of select educational
events as they take place in real time.
Virtual Meeting attendees can earn CME
and SAM credits and interact with faculty
online. *Learn more on page 20.*

SCHEDULE AT A GLANCE

With 14 tracks of educational sessions that cover 11 subspecialty areas, as well as special courses and events, the ARRS Annual Meeting will provide an

in-depth learning opportunity for all medical imaging professionals. See the comprehensive **Daily Schedule** on pages 14–19.

	7AM	8AM	9AM	10AM	11AM	12 Noon
Sunday May 4		Education Seminar				
		Categorical Course – The Radiology M & M Meeting: Misinterpretations, Misses, and Mimics – See individual schedule on page 10.				
				Breast Imaging Great Debate		
				Beverage Break		
Monday May 5	Power Hours		Scientific Sessions		Scientific Sessions	
		Categorical Course – The Radiology M & M Meeting: Misinterpretations, Misses, and Mimics – See individual schedule on page 10.				
			Instructional Courses		Instructional Courses	
				Beverage Break		Lunch in E
Tuesday May 6	Power Hours		Scientific Sessions		Scientific Sessions	
		Categorical Course – The Radiology M & M Meeting: Misinterpretations, Misses, and Mimics – See individual schedule on page 10.				
			Instructional Courses			
				Beverage Break		Lunch in E
Wednesday May 7	Power Hours		Scientific Sessions		Scientific Sessions	
			Instructional Courses		Instructional Courses	
				Beverage Break		Lunch in E
		Case-Based Imaging Review Course – See individual schedule on page 12.				
Thursday May 8	Power Hours		Scientific Sessions		Scientific Sessions	
			Instructional Courses		Instructional Courses	
				Beverage Break		
		Case-Based Imaging Review Course – See individual schedule on page 12.			Case-Based Imaging Review Course – See individual schedule on page 12.	
Friday May 9	Power Hours		Scientific Sessions			
			Instructional Courses		Instructional Courses	
				Beverage Break		
		Case-Based Imaging Review Course – See individual schedule on page 12.			Case-Based Imaging Review Course – See individual schedule on page 12.	

"If you're a radiologist who wants to stay abreast of the latest developments in our field... and to develop a sense of community over the course of the week... the ARRS Annual Meeting is a real prize."

—Richard Gunderman, MD

	1PM	2PM	3PM	4PM	5PM	6PM
	Business Seminar					
	Categorical Course – The Radiology M & M Meeting: Misinterpretations, Misses, and Mimics – See individual schedule on page 10.					
	Lung Cancer Screening: A Practical Approach			SRS Guest Speaker Program		
			Beverage Break	Radiology Year in Review		Opening Ceremonies (5:45-7:15)
	Scientific Sessions					
	Categorical Course – The Radiology M & M Meeting: Misinterpretations, Misses, and Mimics – See individual schedule on page 10.					
	Instructional Courses			Instructional Courses		
Exhibit Hall			Beverage Break			
	Scientific Sessions					
	Case-Based Imaging Review Course – See individual schedule on page 12.			Case-Based Imaging Review Course – See individual schedule on page 12.		
	Instructional Courses			Instructional Courses		
Exhibit Hall			Beverage Break			
	Scientific Sessions					
	Instructional Courses			Instructional Courses		
Exhibit Hall			Beverage Break			
	Case-Based Imaging Review Course – See individual schedule on page 12.			Case-Based Imaging Review Course – See individual schedule on page 12.		
	Scientific Sessions					
	Instructional Courses			Instructional Courses		
			Beverage Break			
ual schedule				Case-Based Imaging Review Course – See individual schedule on page 12.		
	Scientific Sessions					
	Instructional Courses					
ual schedule		Case-Based Imaging Review Course – See individual schedule on page 12.				



MEETING OVERVIEW

Meeting Location

The Annual Meeting will take place at the Manchester Grand Hyatt in San Diego, California, a hotel with waterside views and downtown San Diego within walking distance. ARRS currently has a block of hotel rooms at discounted rates for ARRS Annual Meeting registrants. See page 22 for more information.

Program Objectives

The 2014 Annual Meeting has three goals:

- To offer an educational forum in the practice and science of diagnostic and interventional radiology.
- To offer an educational forum for reporting on and disseminating new developments and expert knowledge in radiology.
- To provide educational activities to influence participants' knowledge and skills.

Learning Opportunities

The ARRS Annual Meeting will provide rich networking opportunities as well as comprehensive, practice-based education, including:

- Sunday Seminars
- Electronic Exhibits
- Breast Imaging Great Debate
- Lung Cancer Screening
- Categorical Course
- Global Exchange featuring China
- Power Hours
- Instructional Courses
- Scientific Sessions
- Case-Based Imaging Review Course
- Exhibit Hall

Educational Tracks

In addition to special featured events and courses, the meeting will offer an abundance of Scientific Sessions on the latest research as well as Instructional Courses on specific radiology topics, both of which are organized by the following tracks:

- Abdominal Imaging
- Breast Imaging
- Cardiac Imaging
- Chest Imaging
- Emergency Radiology
- Imaging Pitfalls
- Musculoskeletal Imaging
- Neuroradiology
- Nuclear Medicine
- Pediatric Imaging
- Quality in Practice
- Resident
- Ultrasound
- Vascular and Interventional Radiology

"It's always been my favorite meeting out of any meeting I go to."

—Brian Funaki, MD

Featured Tracks

Resident Track

This track will highlight content of particular value to in-training radiologists and will represent a variety of subspecialty areas.

Imaging Pitfalls Track

This track will feature content related to the spectrum of common and unusual diagnostic imaging pitfalls that occur throughout the body.

Quality in Practice Track

Upon completion of this track, the participant should be able to understand and respond to contemporary practice management issues and the challenges facing radiology practices, both private and integrated. The participant will be able to implement quality improvement programs that will allow them to document their competence in patient safety, ethics, and malpractice. In addition, the participant should be able to incorporate practical tips on how to create a culture of quality and leadership in their practice.

Educational Credit Information

CONTINUING MEDICAL EDUCATION (CME) CREDITS

Accreditation Statement—ARRS is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education activities for physicians. ARRS has received the highest level of accreditation, Accreditation with Commendation.

Designation Statement—ARRS designates this live educational activity for a maximum of 54.75 *AMA PRA Category 1 Credits™* toward the AMA Physician's Recognition Award. Each physician should claim only those credits based on actual time spent in the activity. ARRS does not provide CE credit for this meeting.

INTERNATIONAL CONTINUING EDUCATION CREDITS

For those practicing outside of the United States, please note the following:

Australia/New Zealand—ARRS is an authorized CPD provider for imaging conferences. 1 *AMA PRA Category 1 Credit™* is equivalent to 1 RANZCR CPD point and can be claimed in the RANZCR Clinical Radiology CPD Program.

Canada—ARRS is recognized as an accredited CDP provider by the Royal College of Physicians and Surgeons of Canada for its conferences, seminars, and workshops. Royal College Fellows are permitted to record MOC credits in place of *AMA PRA Category 1 Credit™* for ACCME accredited live group learning or live conferences.

Europe—The American Medical Association has determined physicians not licensed in the United States who participate in ARRS educational activities are eligible for *AMA PRA Category 1 Credit™*.

SELF-ASSESSMENT MODULES (SAMs)

ARRS has been granted Deemed Status by the American Board of Radiology (ABR). This allows ARRS to develop and implement SAMs that satisfy ABR Part II MOC requirements. ARRS offers several SAM credit opportunities during the Annual Meeting as a Deemed Status Provider of the ABR.



ACADEMY OF RADIOLOGY LEADERSHIP AND MANAGEMENT TRACK

Courses and sessions that include the ARLM logo are approved as part of the Academy of Radiology Leadership and Management Program. Log onto radleaders.org for more information.

"The Annual Meeting has so many rich offerings, you can pretty much get anything you're looking for—whether it's to supplement something you already know or learn something new."

—Deborah Baumgarten, MD



FEATURED EVENTS

The Annual Meeting features a number of special events at which you can focus on timely and essential topics for today's medical imaging professional.

MULTI-DAY COURSES

The Radiology M & M Meeting: Misinterpretations, Misses, and Mimics

2014 CATEGORICAL COURSE

Sunday, May 4–Tuesday, May 6

Develop the knowledge and skills to implement practice-based strategies for mitigating the occurrence of errors. This course will share lessons learned from analysis of collected peer-review data to highlight the common misses, mimics, and misinterpretations that occur. Find more details on page 10.

Case-Based Imaging Review Course

Tuesday, May 6–Friday, May 9

This comprehensive, practice-based course will showcase 275 cases in 11 subspecialty areas. In-training radiologists preparing for exams and active practice will find this course valuable, as will practicing radiologists with an interest in honing their diagnostic skills. Interactive polling will be an option for course registrants. Learn more on page 12.

SUNDAY SEMINARS

Sunday at the Annual Meeting provides a unique opportunity for registrants to participate in special seminars.

Education Seminar: New Teaching Techniques for the 21st Century

Sunday, May 4, 8:00 am–12:00 noon

Gain efficiency and develop new methods for your classroom. This seminar will focus on tools for organization, new technological approaches to teaching, and innovation in education.

2nd Annual Great Debate: The Role of Breast MRI in Preoperative Staging

Sunday, May 4, 10:00 am–12:00 noon

This panel discussion will highlight the latest opinions on the controversial utilization of preoperative breast MRI in newly diagnosed breast cancer patients for the extent of disease evaluation from experts in breast imaging and breast surgery.

Lung Cancer Screening: A Practical Approach

Presented in cooperation with the Society of Thoracic Radiology

Sunday, May 4, 1:00 pm–3:15 pm

This course will feature an interactive discussion from experts on lung cancer screening and will provide a comprehensive review of the current state of practice.

Business and Practice Management Seminar

Sunday, May 4, 1:00 pm–5:00 pm

Understand how radiology can contribute to the health care value chain above and beyond the traditional fee-for-service model. Learn how PACs vendors, structured reporting, and a local academic radiology department can add value to the patients, hospitals, and community.

**FIND COMPREHENSIVE INFORMATION FOR THESE EVENTS
AND REGISTER AT WWW.ARRS.ORG/MEETING**

ELECTRONIC EXHIBITS

ARRS Electronic Exhibits are visual, computer-based presentations that cover 11 subspecialty areas. These exhibits will be hosted in a dedicated room at the meeting where registrants can explore scientific and educational topics to find late-breaking research, refresh their core diagnostic skills, and enhance their diagnostic acumen. Award-winning Electronic Exhibits from ARRS global partners will also be featured.

Learning Outcomes

- Understand the latest clinical research and its application to patient care.
- Apply core diagnostic and image interpretation skills and abilities to specific disease conditions.
- Appraise, integrate, and apply evidence from scientific studies related to the health conditions of patients.

Saturday, May 3	1:00 pm–10:00 pm
Sunday, May 4–Thursday, May 8	6:30 am–10:00 pm
Friday, May 9	6:30 am–12:00 noon

Earn Educational Credits

Select Electronic Exhibits will be designated for *AMA PRA Category 1 Credit™*. Attendees seeking CME will be required to complete questions related to the exhibits in order to be eligible. More than 200 exhibits will offer CME credits.

POWER HOURS— FEATURING AWARD-WINNING EXHIBITS

Throughout the week, the meeting will offer Power Hours featuring oral presentations by authors of award-winning Electronic Exhibits.



"This is the meeting where I see the next generation of leaders being trained."

—Michele Johnson, MD

2014 CATEGORICAL COURSE

THE RADIOLOGY M & M MEETING: MISINTERPRETATIONS, MISSES, AND MIMICS

Sunday, May 4–Tuesday, May 6

This year's Categorical Course will share lessons learned from analysis of collected peer-review data to illustrate commonly recognized errors and mimics that all radiologists should be aware of to improve their diagnostic performance.

Learning Outcomes

Upon completion of this course, you will have the knowledge and skills to:

- Confidently describe common mimics that occur when interpreting the spectrum of imaging studies.
- Understand factors contributing to the occurrence of perceptual and interpretive errors.
- Implement practice-based strategies for mitigating the occurrence of errors.
- Analyze personal peer-review data and define performance improvement strategies.

Subspecialty Areas:

- Breast Imaging
- Chest Imaging
- Emergency Radiology
- Gastrointestinal and Genitourinary Imaging
- Musculoskeletal Imaging
- Neuroradiology
- Nuclear Medicine
- Pediatric Imaging
- Ultrasound



Registration

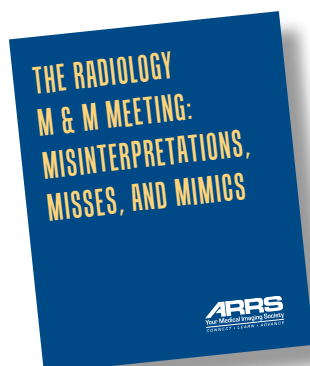
Due to the nature and granularity of this course, a separate registration fee is required in addition to your Annual Meeting registration fee.

Additional Registration Fees	ARRS Member	Nonmember
2014 Categorical Course + Book	\$199	\$399

Earn Educational Credits

Registrants who attend this course and answer the questions as part of the CME claiming process will be eligible to claim up to 19 CME. Registrants should claim credit based on actual time spent in the activity. Visit www.arrs.org/Meeting for more information on educational credit for this course.

NEW—SAM Credits will be available with this course!



INCLUDED WITH COURSE REGISTRATION!

Each course registrant will receive an accompanying comprehensive book with a chapter for each scheduled presentation.

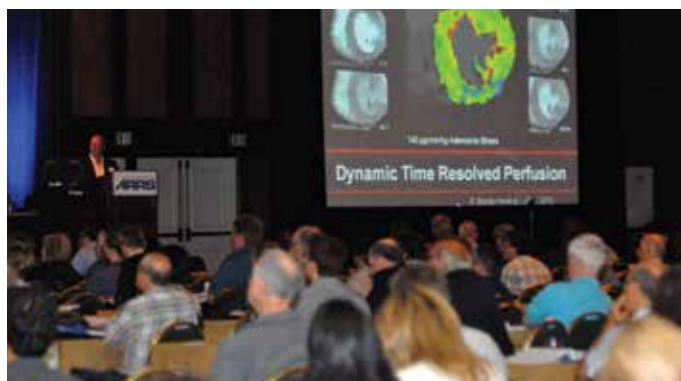
CATEGORICAL COURSE SCHEDULE

SUNDAY, MAY 4	
7:30 AM–11:00 AM GASTROINTESTINAL/GENITOURINARY IMAGING	
Koenraad Morteale, MD	Mimics, Miscalls, and Misses in Pancreatic Disease
John Hines, MD	Imaging the Colon: Tough Lessons from Peer Review
Kumar Sandrasegaran, MD	Pitfalls in Assessing Postoperative Imaging Studies
Parvati Ramchandani, MD	Common Errors in Renal Imaging
Bettina Siewert, MD	Errors in Interpretation: Lessons Learned from Quality Assurance in Abdominal Oncologic CT
Shetal Shah, MD	Complications of Cancer Therapy: Imaging Misses
11:20 AM–12:30 PM NUCLEAR MEDICINE	
Don Yoo, MD	Chest—PET/CT Misses, Miscues, Mistakes, and Mimics
Mark Tann, MD	Abdomen and Pelvis—PET/CT Misses, Miscues, Mistakes, and Mimics
Ilona Schmalfuss, MD	Head and Neck—PET/CT Misses, Miscues, Mistakes, and Mimics
1:30 PM–2:30 PM BREAST IMAGING	
Tanya Moseley, MD	Breast Tomosynthesis: Diagnostic Pitfalls
Priscilla Slanetz, MD	Traps and Pitfalls in Breast MRI
Margarita Zuley, MD	Traps when Imaging the Augmented, Reduced or Treated Breast
3:15 PM–5:15 PM NEURORADIOLOGY	
Daniel Ginat, MD	Brain Tumor Mimics
Gul Moonis, MD	Mimics and Misses in the Head and Neck
Megan Strother, MD	Errors in Diagnosing Spinal Disease
Kathleen Tozer Fink, MD	Common Neuroradiologic Misses in the Emergency Department

MONDAY, MAY 5	
7:30 AM–9:30 AM PEDIATRIC IMAGING	
Janet Reid, MD	High-Risk Scenarios in a Pediatric Emergency Department
R. Paul Guillerman, MD	The Problematic Pediatric Appendix
Molly Dempsey, MD	How to Avoid Pitfalls in Pediatric Musculoskeletal Imaging
Edward Lee, MD	Pearls and Pitfalls in Pediatric Thoracic Imaging
10:00 AM–12:00 NOON CHEST IMAGING	
Cristopher Meyer, MD	Portable Chest Radiography: Misses and Mimics
Gerald Abbott, MD	Lung Cancer: Misses and Mimics
Amita Sharma, MD	High Resolution CT: Misinterpretations and Mimics
Sanjeev Bhalla, MD	Vascular Disease of the Thorax: Misses and Mimics
1:00 PM–3:00 PM EMERGENCY RADIOLOGY	
Diana Litmanovich, MD	Acute Chest Pain: Imaging Errors Waiting to Occur
Felipe Munera, MD	Pearls and Pitfalls in the Evaluation of Thoracic Trauma
Jorge Soto, MD	Avoiding Traps in the Evaluation of Abdominal Trauma
Stephan Anderson, MD	Abdominopelvic Emergencies
3:30 PM–5:30 PM MUSCULOSKELETAL IMAGING	
Donald Flemming, MD	The Five Most Important Pitfalls in Musculoskeletal Radiographic Interpretation: Fractures of the Foot
Mark Murphey, MD	The Five Most Important Pitfalls in Imaging Musculoskeletal Tumors
Kirkland Davis, MD	The Five Most Important Pitfalls in Knee Imaging
Christine Chung, MD	The Five Most Important Errors in Shoulder Imaging
Justin Kung, MD	Hip and Pelvic Imaging: The Five Most Important Errors
Mark Bernstein, MD	Cervical Spinal Trauma: The Five Most Important Pitfalls

TUESDAY, MAY 6	
7:30 AM–9:30 AM • ULTRASOUND	
Jonathan Kruskal, MD	Peer Review of Liver Doppler Studies: Analysis of Errors and Strategies for Improving Performance
Dolores Pretorius, MD	First-Trimester Obstetrics: Hits and Misses
Teresita Angtuaco, MD	Don't Fear the Fetus
Alison Harris, MD	The Incidental Ovarian Mass
10:00 AM–12:00 NOON INCIDENTALOMAS	
Ania Kielar, MD	The Incidental Pancreatic Cystic Lesion
Julie Song, MD	Adrenal Incidentalomas
Deborah Baumgarten, MD	The Incidental Finding of Thickened Endometrium
Sharlene Teefey, MD	Strategies for Managing the Incidental Thyroid Nodule

Course Directors: Jonathan Kruskal, MD; Kumar Sandrasegaran, MD; and Bettina Siewert, MD



2014 CASE-BASED IMAGING REVIEW COURSE

Tuesday, May 6–Friday, May 9

This course is perfect for in-training radiologists preparing for exams and active practice, as well as for practicing radiologists with an interest in honing their diagnostic skills. It will showcase 275 cases in 11 subspecialty areas.

Now With Audience Interaction

For the first time, the 2014 course will include an audience response polling system— attendees can use their mobile devices to choose the correct answer to a particular case question and see live results from other participants. Polling is an optional interactive feature for registrants and is not part of the process to claim any type of educational credits for this course.

Learning Outcomes

Upon completion of this course, you will have the knowledge and skills to:

- Identify differential diagnoses based on important conditions in 11 radiology subspecialties.
- Understand the imaging and clinical features that allow for refinement of the differential diagnoses to allow for a more specific diagnosis.
- Recognize some of the more commonly encountered artifacts in the subspecialties and describe why they occur and techniques to avoid them.
- Confidently make management decisions affecting a variety of commonly encountered clinical scenarios.

Subspecialty Areas:

- Breast Imaging
- Chest Imaging
- Emergency Radiology
- Gastrointestinal Imaging
- Genitourinary Imaging
- Musculoskeletal Imaging
- Neuroradiology
- Nuclear Medicine
- Pediatric Imaging
- Ultrasound
- Vascular and Interventional Radiology

Registration

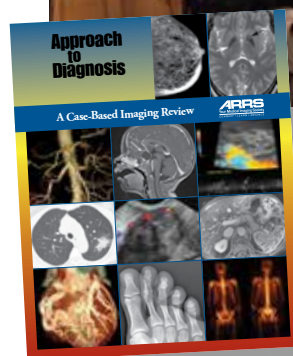
Due to the nature and granularity of this course, a separate registration fee is required in addition to your Annual Meeting registration fee.

Additional Registration Fees	ARRS In-Training Member	ARRS Member	Nonmember
Case-Based Imaging Review + Book	\$99	\$199	\$399

Earn Educational Credits

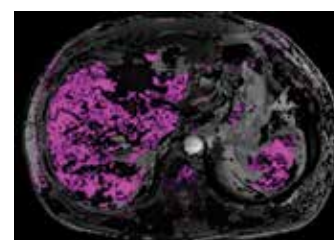
Registrants who attend this course and answer the questions as part of the CME claiming process will be eligible to claim up to 27.5 CME credits. Registrants should claim credit based on actual time spent in the activity. Visit www.arrs.org/Meeting for more information on educational credit for this course.

NEW—SAM Credits will be available with this course!



INCLUDED WITH COURSE REGISTRATION!

Each course registrant will receive the 2014 workbook with 275 cases by module. The history, demographics, image findings, and teaching points are included for each case.



Case-Based Imaging Review Course Schedule

TUESDAY, MAY 6

1:00 PM–3:30 PM CARDIOVASCULAR IMAGING

Kristopher Cummings, MD, section chair	Aorta
Travis Henry, MD	Pulmonary Artery
Karen Ordovas, MD	Venous
Jared Christensen, MD	Right Heart
Amar Shah, MD	Left Heart

4:00 PM–6:30 PM VASCULAR AND INTERVENTIONAL

Martha-Gracia Knuttinen, MD, section chair	Arterial Diagnosis
Paul Rochon, MD	Arterial Therapy
Sal Naidu, MD	Venous
Elizabeth Ignacio, MD	Nonvascular
Charles Burke, MD	Oncology

WEDNESDAY, MAY 7

7:30 AM–10:00 AM GASTROINTESTINAL IMAGING

Hanna Zafar, MD, section chair	Liver
Meghan Lubner, MD	Biliary Tree and Gallbladder
Myra Feldman, MD	Colon
Shane Wells, MD	Pancreas
Peter Liu, MD	Esophagus and Stomach

1:00 PM–3:30 PM • BREAST IMAGING

Tanya W. Moseley, MD, section chair	Calcifications
Mai Elezaby, MD	Architectural Distortion and Developing Asymmetries
Colleen Neal, MD	Masses
Karla Sepulveda, MD	Ultrasound Management and Mammographic Findings
Huong Le-Petros, MD	Breast MRI

4:00 PM–6:30 PM • NEURORADIOLOGY

Megan Strother, MD, section chair	Trial Update
Jeffrey Pollock, MD	Infection/Inflammation
Kristen Baugnon, MD	Head and Neck
Sumit Pruthi, MD	Pediatric/Congenital
Frank Minja, MD	Spine

THURSDAY, MAY 8

7:30 AM–10:00 AM ULTRASOUND

Manjiri Dighe, MD	Obstetrics
Mindy Horrow, MD	Gynecology
Maitray Patel, MD	Abdomen
Shweta Bhatt, MD	Vascular
Nirvikar Dahiya, MD	Small Parts

10:30 AM–1:00 PM GENITOURINARY IMAGING

Courtney Moreno, MD, section chair	Kidney
Sarah Erickson, MD	Female Pelvis
Matthew Heller, MD	Male Pelvis
Frederico Souza, MD	Kidneys, Ureters, Bladder
Rupan Sanyal, MD	Adrenal, Retroperitoneum

3:30 PM–6:00 PM CHEST IMAGING

Jonathan Chung, MD, section chair	Fibrotic Lung Disease
Christopher Walker, MD	Pleura/Diaphragm
Kathryn Olsen, MD	Nodules
Rachna Madan, MD	Cysts
Edwin Donnelly, MD	Malignancy

FRIDAY, MAY 9

7:30 AM–10:00 AM NUCLEAR MEDICINE

David Naeger, MD, section chair	PET-CT
Vasanth Aaron, MD	Endocrine and Treatment
Chetan Rajadhyaksha, MD	Neuroradiology and Whole Body Imaging
Jon Baldwin, DO	Thoracic and Abdominal
Jon McConathy, MD	Safety and QC

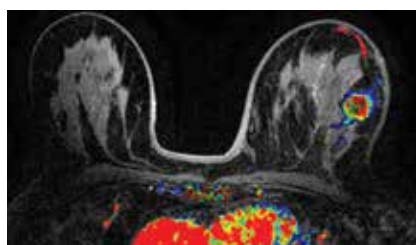
10:30 AM–1:00 PM • PEDIATRIC IMAGING

Mark Liszewski, MD	Chest
Anastasia Hryhorczuk, MD	Musculoskeletal
Mark Bittman, MD	Genitourinary
Apeksha Chaturvedi, MD	Neuroradiology (Head and Neck)
Stephanie DiPerna, MD, section chair	Gastrointestinal

2:00 PM–4:30 PM MUSCULOSKELETAL IMAGING

Cree Gaskin, MD, section chair	Elbow to Hand
Daniel Wessell, MD	Shoulder Girdle
Brian Petersen, MD	Spine and Pelvis
Emily Vinson, MD	Lower Leg to Foot
Jason Stephenson, MD	Hip to Knee

Course Directors: Sanjeev Bhalla, MD; Lonie R. Salkowski, MD





DISCOVER COMMON MISSES, MIMICS, AND MISINTERPRETATIONS!

Register for the 2014 Categorical Course—The Radiology M & M Meeting: Misinterpretations, Misses and Mimics, Sunday, May 4–Tuesday, May 6. You'll develop the knowledge and skills to implement practice-based strategies for mitigating the occurrence of errors. Learn more on page 10.



SUNDAY, MAY 4, 2014

8:00 am–12:00 noon

Education Seminar: New Teaching Techniques for the 21st Century

P. Lewis, H. Bedi, M. Thapa, E. Fishman, P. Bhargava, A. Paladin

TRACKS: Quality in Practice **ARRLM**
3 CME credits Academy of Radiology Leadership and Management

9:30 am–10:30 am BEVERAGE BREAK

10:00 am–12:00 noon

2nd Annual Great Debate: The Role of Breast MRI in Preoperative Staging

S. Destounis, C. Comstock, P. Eby, E. Tanaka

TRACKS: Breast
2 CME credits

1:00 pm–3:15 pm

Lung Cancer Screening: A Practical Approach

J. Erasmus R. Munden, R. Drosten, E. Kazerooni, G. Gladish, J. Mayo, W. Black

TRACKS: Chest
2.25 CME credits

1:00 pm–5:00 pm

Business and Practice Management Seminar

M. Kohli, R. Helsper, E. Siegel, J. Eng, S. Saini, W. Bradley, J. Berlin

TRACKS: Quality in Practice **ARRLM**
3 CME credits Academy of Radiology Leadership and Management

3:00 pm–4:00 pm BEVERAGE BREAK

4:00 pm–5:00 pm

Radiology Year in Review: A Synopsis of Recent Articles that Will Change Your Practice

S. Tridandapani, A. Ha

TRACKS: Quality in Practice
1 CME credit

4:30 pm–5:30 pm

SRS GUEST SPEAKER PROGRAM

"The Early Days of CT"

R. Stanley

No CME credits

5:45 pm–7:15 pm OPENING CEREMONIES

CAN'T COME TO SAN DIEGO? —REGISTER TO ATTEND ONLINE!

Participate online with the Virtual Meeting—a live streaming event, which takes place in real time. Virtual Meeting attendees can earn CME and SAM credits and ask faculty questions online.

MONDAY, MAY 5, 2014

7:00 am–8:00 am

POWER HOUR: Pediatric Imaging, 1 CME credit
 POWER HOUR: Vascular/Interventional Radiology,
 1 CME credit

8:30 am–10:00 am

IC101. Complications in Interventional Radiology—Vascular
G. Soares, R. Hieb, W. Saad
TRACKS: Vascular/Interventional
 1.5 CME credits

IC102. Cardiovascular Imaging—Coronary Arteries
S. Teague, S. Patel, C. White
TRACKS: Cardiac, Resident
 1.5 CME credits, 1.5 SAM credits

IC103. Malpractice Update 2014
L. Berlin, R. Daffner
TRACKS: Quality in Practice
 1.5 CME credits



IC104. Imaging of the Female Pelvis
M. Lockhart, M. Moshiri, C. Menias
TRACKS: Abdominal, Resident
 1.5 CME credits

SS01. Breast Imaging, 1.5 CME credits

SS02. Neuroradiology, 1.5 CME credits

9:30 am–10:30 am BEVERAGE BREAK

10:30 am–12:00 noon

IC105. Complications in Interventional Radiology—Non-Vascular
A. Nemcek, T. Kinney, R. Arellano
TRACKS: Vascular/Interventional
 1.5 CME credits

IC106. Tomosynthesis
D. Chough, M. Zuley
TRACKS: Breast
 1.5 CME credits

IC107. Pitfalls in Cardiac Imaging
D. Bluemke, G. Mueller, C. Javidan-Nejad
TRACKS: Cardiac, Pitfalls
 1.5 CME credits

IC108. Radiologic Spine Interventions: Practical Tips, Tricks and Traps
L. Chazen, A. Brook, L. Jensen
TRACKS: Neuroradiology
 1.5 CME credits

SS03. Efficacy/Education
 1.5 CME credits



SS04. Abdominal Imaging, 1.5 CME credits

12:00 noon–1:00 pm LUNCH IN EXHIBIT HALL

1:30 pm–3:00 pm

IC109. Pitfalls in Interventional Oncology
D. Madoff, S. Kee, R. Murthy
TRACKS: Vascular/Interventional Pitfalls
 1.5 CME credits

IC110. The Secrets of Spine Differential Diagnoses
K. Salzman, A. Flanders, L. Shah
TRACKS: Neuroradiology, Resident
 1.5 CME credits

IC111. Publication Ethics and Optimizing Manuscripts for Acceptance in AJR
T. Berquist, M. Javitt, J. Provenzale
TRACKS: Quality in Practice
 1.5 CME credits

SS05. Breast Imaging, 1.5 CME credits

SS06. Cardiac Imaging, 1.5 CME credits

SS07. Abdominal Imaging, 1.5 CME credits

3:00 pm–4:00 pm BEVERAGE BREAK

3:30 pm–5:00 pm

IC113. Interventional Radiology for Diagnostic Radiologists
P. Rochon, C. Martin, R. Baker
TRACKS: Vascular/Interventional Resident
 1.5 CME credits, 1.5 SAM credits

IC114. Pitfalls in Imaging the Breast
A. Lourenco, A. Nees
TRACKS: Breast, Pitfalls, Resident
 1.5 CME credits

IC115. Cardiac Imaging: Evidence, Radiation Issues and New Applications
S. Abbata, J. Leipsic, D. Litmanovich
TRACKS: Cardiac, Resident
 1.5 CME credits

IC116. Skull Base Facts, Figures and Fabulous Cases
R. Khan, P. Chapman, W. Smoker
TRACKS: Neuroradiology, Resident
 1.5 CME credits

IC117. Professionalism in Radiology
R. Gunderman
TRACKS: Quality in Practice
 1.5 CME credits



3:30 pm–5:30 pm

IC112. Imaging of the Acute Abdomen
W. Thompson, G. Gayer, D. Katz, L. Belfi
TRACKS: Abdominal, Resident
 2 CME credits

**LOOKING FOR INDIVIDUAL
 TRACK SCHEDULES?**

View individual track schedules broken
 out online at www.arrs.org/Meeting.

TUESDAY, MAY 6, 2014**7:00 am–8:00 am**

POWER HOUR: Breast Imaging, 1 CME credit
 POWER HOUR: Cardiac Imaging, 1 CME credit

8:30 am–10:00 am

- IC201. Case-Based Complications in Interventional Oncology**
S. Zangan, C. Burke, K. Kolbeck
TRACKS: Vascular/Interventional
 1.5 CME credits
- IC202. Non-Coronary Cardiac Imaging—CMR and CT**
L. Heyneman, M. Gotway, F. Gutierrez
TRACKS: Cardiac
 1.5 CME credits
- IC204. Hip Imaging**
A. Burge, A. Ha, T. Miller
TRACKS: Musculoskeletal
 1.5 CME credits
- SS08. Breast Imaging**, 1.5 CME credits
SS09. Neuroradiology, 1.5 CME credits

8:30 am–10:30 am

- IC203. Hepatic Cross-Sectional Imaging**
C. Santillan, C. Sirlin, P. Bhargava, M. Heller
TRACKS: Abdominal
 2 CME credits, 2 SAM credits

9:30 am–10:30 am BEVERAGE BREAK**10:30 am–12:00 noon**

- IC205. Interventional Oncology: A Primer for Diagnostic Radiologists**
R. Lewandowski, A. Nemcek, R. Ryu
TRACKS: Vascular/Interventional, Resident
 1.5 CME credits
- IC206. What You See is What There Is: A RadPath Correlation in Breast Imaging**
D. Georgian-Smith, T. Lawton
TRACKS: Breast
 1.5 CME credits, 1.5 SAM credits
- IC207. The Brain: An Anatomy Primer**
A. Smith, N. Salamon, M. Shroff
TRACKS: Neuroradiology, Resident
 1.5 CME credits
- IC208. Musculoskeletal Ultrasound**
K. Lee, C. Yablon, J. Jacobson
TRACKS: Musculoskeletal, Ultrasound
 1.5 CME credits
- SS10. Cardiac Imaging**, 1.5 CME credits
SS11. Abdominal Imaging, 1.5 CME credits

12:00 noon–1:00 pm LUNCH IN EXHIBIT HALL**VIEW SUBSPECIALTY SCHEDULES!**

See your subspecialty's track schedule broken out online at www.arrs.org/Meeting.

IMPROVE YOUR DIAGNOSTIC SKILLS!

Evaluate 275 cases in 11 subspecialty areas in the Case-Based Imaging Review Course, Tuesday, May 6–Friday, May 9. Optional audience polling will be available to registrants. See page 12 for details.

1:30 pm–3:00 pm

- IC209. Brain Tumors 101: Pediatric and Adult**
A. Illner, S. Mohan, A. Vagal
TRACKS: Neuroradiology, Resident
 1.5 CME credits
- IC210. Liver Ultrasound: Mastering the Essentials**
L. Chu, U. Hamper, S. Bhatt
TRACKS: Abdominal, Ultrasound
 1.5 CME credits
- IC211. Pancreatic Imaging**
J. Hines, E. Tamm
TRACKS: Abdominal, Resident
 1.5 CME credits, 1.5 SAM credits
- IC212. Pitfalls in Musculoskeletal Imaging**
J. Yu, Y. Pope, K. Davis, D. Rubin
TRACKS: Musculoskeletal, Pitfalls, Resident
 1.5 CME credits
- SS12. Vascular/Interventional**, 1.5 CME credits
SS13. Breast Imaging, 1.5 CME credits

3:00 pm–4:00 pm BEVERAGE BREAK**3:30 pm–5:00 pm**

- IC213. Breast Imaging Biopsies**
E. DePeri, M. McDonough
TRACKS: Breast, Resident
 1.5 CME credits
- IC214. What's the Diffusion Confusion? – Practical Uses of DWI**
B. Cohen, A. Srinivasan, C. Chin
TRACKS: Neuroradiology, Resident
 1.5 CME credits
- IC215. Radiographic and CT Imaging of Pulmonary Infections**
L. Washington, L. Ketaj, S. Digumarthy
TRACKS: Chest, Residents
 1.5 CME credits
- IC216. Neck and Scrotal Ultrasound: Small Parts, Big Issues**
M. Lockhart, J. Kirsch, D. Rubens
TRACKS: Ultrasound
 1.5 CME credits
- IC217. Musculoskeletal Tumors**
M. Murphey, D. Wenger, M. Kransdorf
TRACKS: Musculoskeletal
 1.5 CME credits

3:30 pm–5:30 pm

- IC218. Advanced Pancreatic Imaging**
D. Morgan, D. Sahani, K. Sandrasegaran, J. Willmann
TRACKS: Abdominal
 2 CME credits

WEDNESDAY, MAY 7, 2014**7:00 am–8:00 am**

POWER HOUR: Gastrointestinal Imaging, 1 CME credit
 POWER HOUR: Genitourinary Imaging, 1 CME credit

8:30 am–10:00 am**IC301. Breast Screening**

J. Parikh, W. Berg

TRACKS: Breast

1.5 CME credits

IC302. Temporal Bone Top 10 Hits

T. Kennedy, G. Moonis, R. Wiggins

TRACKS: Neuroradiology, Resident

1.5 CME credits

IC303. Vascular Ultrasound: From Top to Bottom

E. Bluth, M. Robbin

TRACKS: Ultrasound, Vascular/Interventional

1.5 CME credits

IC304. Ankle Imaging

A. Andrews, L. Beltan, M. Torriani

TRACKS: Musculoskeletal

1.5 CME credits

SS14. Vascular/Interventional, 1.5 CME credits**SS15. Chest Imaging, 1.5 CME credits****9:30 am–10:30 am BEVERAGE BREAK****10:30 am–12:00 noon****IC305. Multimodality Challenging Breast Cases**

J. Leung, J. Lee

TRACKS: Breast

1.5 CME credits

IC306. No Shades of Grey: Understanding White Matter

M. Zapadka, B. Huang

TRACKS: Neuroradiology

1.5 CME credits, 1.5 SAM credits

IC307. SPN and Lung Cancer: Nomenclature, Staging and Management

J. Ko, M. Godoy, B. Carter

TRACKS: Chest, Resident

1.5 CME credits

IC308. Pitfalls in Gynecologic Sonography

M. Horrow, D. Wolfman, D. Wall

TRACKS: Ultrasound, Abdominal, Pitfalls

1.5 CME credits

SS16. Musculoskeletal Imaging, 1.5 CME credits**VT01. Gastrointestinal Imaging Vertical Track**

R. Gupta, K. Sandrasegaran

TRACKS: Gastrointestinal

1.5 CME credits

12:00 noon–1:00 pm LUNCH IN EXHIBIT HALL**1:00 pm–3:00 pm****VT02. Gastrointestinal Imaging Vertical Track**

B. Yeh, F. Coakley, M. Gollub

TRACKS: Gastrointestinal

2 CME credits

1:30 pm–3:00 pm**IC309. Neck Gland Masses and Mysteries**

C. Glastonbury, Y. Anzai, D. Phillips

TRACKS: Neuroradiology, Resident

1.5 CME credits

IC310. Thoracic PET–CT: Quantification and Interpretation Challenges

O. Mawlawi, C. Viswanathan, M. Truong

TRACKS: Chest Imaging, Resident

1.5 CME credits

IC311. Obstetric US for the General Radiologist: Making the Guidelines Work for You

T. Angtuaco, B. Hertzberg

TRACKS: Ultrasound, Abdominal

1.5 CME credits

IC312. Arthritis: From Basic to Advanced

D. Flemming, E. Walker, M. Bruno

TRACKS: Musculoskeletal, Resident

1.5 CME credits

IC313. Pitfalls in Pediatric Imaging

P. Karakas, S. Back, R. Goodman

TRACKS: Pediatric, Pitfalls, Resident

1.5 CME credits, 1.5 SAM credits

3:00 pm–4:00 pm BEVERAGE BREAK**3:30 pm–5:00 pm****IC314. HRCT Basics: Anatomy, Imaging Patterns, and Case Interpretation**

B. Little, J. Lichtenberger, D. Manos

TRACKS: Chest, Resident

1.5 CME credits

IC316. Breast MRI

S. Raza, D. Wisner

TRACKS: Breast

1.5 CME credits

IC318. Pelvic Emergencies

O. Baltarowich, K. Richman

TRACKS: Ultrasound, Abdominal

1.5 CME credits, 1.5 SAM credits

IC319. Pediatric Neuroradiology

I. Izbudak, J. Nixon, L. Fenton

TRACKS: Neuroradiology, Pediatric, Resident

1.5 CME credits

3:30 pm–5:30 pm**IC315. Knee Imaging**

J. Bencardino, E. Foss, J. Jacobson, S. Moore

TRACKS: Musculoskeletal, Resident

2 CME credits, 2 SAM credits

IC317. Imaging of Abdominal Infection

F. Scholz, M. Blake, B. Javors, P. Hahn

TRACKS: Abdominal

2 CME credits

THURSDAY, MAY 8, 2014**7:00 am–8:00 am**

POWER HOUR: Chest Imaging, 1 CME credit
 POWER HOUR: Ultrasound, 1 CME credit

8:30 am–10:00 am

- IC401. Interpretation Pitfalls in Chest Imaging: Radiography, CT, CTPA and HRCT**
C. Wu, A. Hunsaker, S. Kligerman
TRACKS: Chest, Pitfalls, Resident
 1.5 CME credits
- IC402. Pediatric Musculoskeletal Imaging**
J. Mackenzie, R. Restrepo, V. Ho
TRACKS: Musculoskeletal, Pediatric, Resident
 1.5 CME credits, 1.5 SAM credits
- IC403. Challenging Abdominal Imaging Cases Continued**
C. Menias, M. Lubner, P. Pickhardt
TRACKS: Abdominal
 1.5 CME credits
- IC404. ABR Update**
J. Borgstede, M. Guiberteau
TRACKS: Quality in Practice
 1.5 CME credits
- SS17. Nuclear Medicine, 1.5 CME credits**
- SS18. Musculoskeletal Imaging, 1.5 CME credits**

10:00 am–10:30 am Beverage Break**10:30 am–12:00 noon**

- IC405. Practical Pearls and Pitfalls of Staging Head and Neck Cancer**
D. Shatzkes, K. Mosier, L. Ginsberg
TRACKS: Neuroradiology, Pitfalls
 1.5 CME credits
- IC406. HRCT on the Edge**
C. Meyer, J. Kanne, B. Elicker
TRACKS: Chest, Resident
 1.5 CME credits, 1.5 SAM credits
- IC407. Sports Imaging**
A. Zoga, B. Petersen, B. Casagrande
TRACKS: Musculoskeletal
 1.5 CME credits
- IC408. Musculoskeletal Ultrasound: Nerves, Needles and Where the Action Is**
S. Allison, R. Adler, N. Bureau
TRACKS: Ultrasound, Musculoskeletal
 1.5 CME credits
- SS19. Pediatric Imaging, 1.5 CME credits**
- SS20. Abdominal Imaging, 1.5 CME credits**

1:30 pm–3:00 pm

- IC409. Musculoskeletal Trauma**
O. West, M. Kumaravel, L. Rogers
TRACKS: Emergency, Musculoskeletal, Pitfalls
 1.5 CME credits
- IC410. CTA Acute Vascular Conditions and Their Sequelae**
S. Bhalla, C. Chiles, B. Sundaram
TRACKS: Chest, Resident
 1.5 CME credits
- IC411. Pediatric Abdominal Imaging**
N. Mardis, N. Mahmood, S. Kraus
TRACKS: Pediatric, Abdominal, Resident
 1.5 CME credits, 1.5 SAM credits
- IC412. PET-CT Interpretation, Protocols, Reporting and Physician Outreach**
H. Agress, M. Seltzer, T. Wong
TRACKS: Nuclear Medicine
 1.5 CME credits
- SS21. Musculoskeletal Imaging, 1.5 CME credits**
- SS22. Abdominal Imaging, 1.5 CME credits**

3:00 pm–3:30 pm Beverage Break**3:30 pm–5:00 pm**

- IC413. Pediatric Chest Imaging**
P. Sagar, E. Park, T. Levin
TRACKS: Pediatric, Chest, Resident
 1.5 CME credits
- IC414. Update in PET-CT in Abdominal Malignancies**
E. Rohren, M. Nathan
TRACKS: Nuclear Medicine
 1.5 CME credits
- IC417. Shoulder Imaging**
K. Buckwalter, B. Huang, J. Bencardino, C. Chung
TRACKS: Musculoskeletal
 1.5 CME credits, 1.5 SAM credits
- IC418. Radiation Dose Reduction**
M. Parker, J. Jacobs
TRACKS: Quality in Practice
 1.5 CME credits

**3:30 pm–5:30 pm**

- IC415. Abdominal Imaging Pitfalls**
T. Kinney, J. Wang, S. Anderson
TRACKS: Abdominal, Pitfalls
 2 CME credits
- IC416. Selected Topics in Emergency Radiology**
M. Gunn, C. Sadro, L. Avery, R. Novelline
TRACKS: Emergency
 2 CME credits, 2 SAM credits

FRIDAY, MAY 9, 2014

7:00 am–8:00 am

POWER HOUR: Nuclear Medicine, 1 CME credit
 POWER HOUR: Musculoskeletal Imaging, 1 CME credit

8:30 am–10:00 am

- IC501. Hot Topics in Thoracic Imaging: Dose Reduction in CT, CAD, Dual Source, Dual Energy CT**
L. Hurwitz, H. MacMahon, J. Vlahos
TRACKS: Chest, Resident
 1.5 CME credits
- IC502. Thoracoabdominal Trauma**
K. Shanmuganathan, A. Singh, L. Rivas
TRACKS: Emergency, Abdominal, Chest
 1.5 CME credits
- IC503. Mistakes We Make in Practice and How to Deal with Them Appropriately**
M. Bruno, L. Bui-Mansfield
TRACKS: Quality in Practice
 1.5 CME credits, 1.5 SAM credits
- IC504. Advances in SPECT and PET in Dementia and Parkinson's Disease**
P. Kuo, R. Brown
TRACKS: Nuclear Medicine, Neuroradiology
 1.5 CME credits
- SS23. Abdominal Imaging, 1.5 CME credits**
SS24. Musculoskeletal Imaging, 1.5 CME credits

10:00 am–10:30 am Beverage Break

10:30 am–12:00 noon

- IC505. Pitfalls and Pearls in PET–CT**
D. Yoo, E. Akin
TRACKS: Nuclear Medicine, Pitfalls
 1.5 CME credits
- IC506. Neuroradiology Emergencies**
S. Nicolaou, C. Sliker, W. Kubal
TRACKS: Emergency, Neuroradiology
 1.5 CME credits
- IC507. Forensic Abdominal Imaging**
B. Daly, H. Harcke
TRACKS: Abdominal
 1.5 CME credits
- IC508. Chest Radiographs and Thoracic CT: Back to Basics**
J. Shepard, A. Rubinowitz, C. Lee
TRACKS: Chest, Resident
 1.5 CME credits
- IC509. Risk Management and Malpractice**
M. Raskin, M. Sneider
TRACKS: Quality in Practice
 1.5 CME credits

1:00 pm–2:30 pm

- IC510. Update on Radiotherapies (Thyroid, Liver, Bone)**
D. Metter, K. Banks, L. Gordon
TRACKS: Nuclear Medicine
 1.5 CME credits, 1.5 SAM credits
- IC511. MRI Safety Issues**
K. Olsen, J. Leyendecker
TRACKS: Quality in Practice
 1.5 CME credits
- SS25. Emergency Radiology, 1.5 CME credits**
SS26. Abdominal Imaging, 1.5 CME credits



"The meeting is very balanced—it is filled with information on all the subspecialties of all radiology."

—Melissa Rosado de Christenson, MD

EXHIBIT HALL

The ARRS Annual Meeting will host a unique exhibit hall combining breaks, healthcare technology, networking, and learning. The ARRS Exhibit Hall is your central gathering place to discover the latest technology and devices available to the profession; socialize with colleagues, leaders, and friends; eat lunch or grab a beverage; and check out the latest ARRS offerings.



COMMERCIAL EXHIBITS—Featuring an exclusive group of exhibits selected to showcase their products and services to attendees, the ARRS Exhibit Hall will allow you to receive one-on-one, personalized interaction with industry experts.



ARRS BOOTH—This is a great opportunity to talk with ARRS staff and learn more about member benefits and the latest offerings from the Society.



LUNCHES AND BREAKS—The exhibit hall will feature morning and afternoon beverage breaks, along with lunches so that attendees can make the most of their time and network with industry leaders and professional experts.

CASE OF THE DAY—Test your knowledge and skill to diagnose 28 cases using this interactive learning tool featured in the Exhibit Hall.

VIRTUAL MEETING

Can't make it to the meeting in San Diego? Join us online for live streaming.

The ARRS Virtual Meeting will present an online, live streaming of selected Annual Meeting courses, sessions, and special events for those who are not in attendance in San Diego. Registrants of the Virtual Meeting will earn CME credit and SAM credit for their online participation, and are able to ask questions of and interact with faculty online.

Visit www.arrs.org/Meeting to see a full list of courses that will be offered for live streaming online.

Please note: You must use the Virtual Meeting registration form, which can be found at www.arrs.org/Meeting.

REGISTRATION

REGISTRATION FEES AND POLICIES

Registration for the 2014 Annual Meeting opens December 16, 2013. The early bird deadline is Friday, February 21, 2014, and the pre-registration deadline is Friday, April 4, 2014. After April 4, registrations will only be processed on site at the ARRS On-Site Registration Welcome Center in San Diego. Only primary meeting registrants may participate in the educational courses and sessions and enter the Electronic Exhibits area.

Annual Meeting	Early Bird Registration Through February 21	Regular Pre-registration Through April 4	On-Site Registration
ARRS Physician Member	\$499	\$599	\$699
ARRS Emeritus/SRS Members	\$399	\$499	\$599
ARRS In-Training Physician Member	\$199	\$299	\$399
ARRS Technologist or Nurse Member	\$199	\$299	\$399
Nonmember	\$1,299	\$1,399	\$1,499

Additional Registration Fees	ARRS In-Training Member	ARRS Member	Nonmember
Categorical Course	\$199	\$199	\$399
Case-Based Imaging Review	\$99	\$199	\$399
Per Guest Fee	\$99	\$99	\$99

CANCELLATION POLICIES

Cancellations received prior to April 4, 2014, will be processed after the meeting minus the \$100 non-refundable cancellation fee. Refunds will not be provided for cancellations for any reason after April 4, 2014. Refund requests of the \$100 cancellation fee will not be considered regardless of the registration category and amount paid or when requested. Submitted registration forms by mail, fax or online serve as acknowledgement and acceptance of these cancellation policies.

ARRS MEMBER ANNUAL MEETING REGISTRATION RATES

ARRS membership must be current both at the time of registration for the meeting and during the meeting in order to receive the discounted member registration rates. If membership has lapsed or will lapse between the date of registration and the final date of the Annual Meeting, the registrant must either renew membership or pay the nonmember registration fees.

NONMEMBERS APPLYING FOR ARRS MEMBERSHIP

Nonmembers may apply for ARRS membership and receive the membership registration fee discount. Nonmembers should submit a membership application with the annual meeting registration form by fax or mail prior to April 4 to receive the membership registration fee discount.

After April 4, the membership application and annual meeting registration form must be submitted together at the ARRS On-Site Registration Welcome Center in San Diego.

REGISTER BY FEBRUARY 21 TO RECEIVE THE LOWEST RATES!

The early bird deadline for the ARRS Annual Meeting is Friday, February 21.

After this date the regular pre-registration rates will apply.

Register Online
www.arrs.org/meeting

Register by Fax
(703) 729-4839

Register by Mail
ARRS, PO Box 418863
Boston, MA 02125-8863

Questions

Phone:
866-940-2777 or
703-729-3353

Email:
meeting@arrs.org

Office Hours:
Monday–Friday
8:30 am–5:00 pm
Eastern Time Zone

SPECIAL NEEDS

Individuals requiring auxiliary aids or services as identified in the Americans with Disabilities Act should contact ARRS at meeting@arrs.org

Q. What is the pre-registration deadline?

A. To pre-register for the meeting, registration materials must be received in the office at ARRS headquarters by Friday, April 4, 2014. To obtain the best registration rates, plan to register by the early bird deadline of Friday, February 21, 2014. Registrations are processed in the order received.

Q. How do I register after the pre-registration deadline, Friday, April 4, 2014?

A. After April 4, registrations will only be accepted at the ARRS On-Site Registration Welcome Center at the Manchester Grand Hyatt in San Diego, CA.

Q. Will I receive a registration confirmation?

A. Registration confirmations are emailed to registrants. It is important to provide your email address with your registration materials to ensure receipt of your confirmation and any updates regarding the meeting. Make sure the email address provided is set up to accept messages from ARRS so your annual meeting communications do not go to a SPAM or junk mail folder or are blocked entirely.

Q. What is the cancellation policy?

A. Written requests for cancellation may be sent by email to meeting@arrs.org; by fax to 703-729-4839; or by mail to: ARRS, 44211 Slatestone Court, Leesburg, VA 20176-5109. Written requests for refunds received prior to April 4, 2014, will be processed after the meeting minus a \$100 non-refundable cancellation fee. After April 4, 2014, cancellations will be processed but refunds will not be issued. Cancellations will not be accepted by telephone. Refund requests of the \$100 non-refundable cancellation fee will not be considered regardless of the registration category, amount paid, or when requested. A submitted registration form online, by fax, or mail serves as acknowledgement, acceptance, and agreement of these cancellation policies.

Q. Do I need to register guests for the meeting? What does the guest fee include?

A. Yes, the fee is \$99 per guest and provides entrance to the commercial exhibit hall including lunches (Monday–Wednesday) as well as all beverage breaks throughout the week. Guests are not allowed entry to the educational courses including the fee-based categorical course and case-based imaging

review course nor are they allowed in the electronic exhibits area. Guests are not eligible to claim CME, SA-CME, or SAM credits and do not receive any educational materials. Individuals eligible for ARRS membership may not register as guests and must pay the general registration fee.

Q. Are children's programs or child care available during the meeting?

A. ARRS does not provide children's programs or child care. Please ask your hotel concierge for a list of local companies that offer child care services. For safety reasons, hotel security will be notified if children are left unattended in any of the ARRS meeting space areas or public areas of the hotel.

Q. Does my membership need to be current in order to attend at the ARRS member rate?

A. Yes, your ARRS membership must be current both at the time that you register for the meeting and when you attend the meeting in order to receive the discounted member rate. If your membership has lapsed or will lapse between the date you register and the final date of the Annual Meeting, you must pay your membership renewal or pay the nonmember registration fee before you will be allowed to attend. A submitted registration form online, by fax, or mail serves as acknowledgement, acceptance, and agreement of this policy.

Q. Can I become an ARRS member to take advantage of registration savings?

A. Absolutely! If you plan to attend the ARRS 2014 Annual Meeting, apply for membership at the same time you submit your annual meeting registration form to ensure your membership status is confirmed and you receive the membership registration discount.

To apply for membership:

Apply Online: Go to www.arrs.org and click on Membership. Be sure to indicate on the online form that you plan to attend the ARRS 2014 Annual Meeting and fax your annual meeting registration form to the ARRS at 703-729-4839 after submitting your online membership application.

Download Application: Go to www.arrs.org and click on Membership. Send the completed application with your annual meeting registration form by fax to 703-729-4839 or mail both documents to: ARRS, 44211 Slatestone Court, Leesburg, VA 20176-5109.



HOTEL INFORMATION

ARRS has negotiated a block of discounted hotel rooms at the Manchester Grand Hyatt San Diego. The best of San Diego is right outside the Manchester Grand Hyatt, including waterside views; restaurants; and shopping. To take advantage of the discounted ARRS rates, you must register for the Annual Meeting first. Once you have registered for the meeting, you will be provided with a unique online link to book your hotel reservation. Room reservations must be made using the online link provided; room reservation requests made by phone, fax, or mail will not be accepted.

REGISTRATION AND HOUSING FOR THE ARRS 2014 ANNUAL MEETING OPENS: Monday, December 16, 2013.

HOTEL RESERVATION DEADLINE

Hotel reservations must be made by Friday, April 4, 2014 to qualify for the special ARRS rates. All attendees are advised to register for the meeting and make hotel reservations before April 4 because the ARRS discounted hotel room block fills up quickly and we cannot guarantee rooms will be available through April 4. After April 4, any rooms remaining in the ARRS room block will be released and higher rates may apply.

HOTEL LOCATION

The Manchester Grand Hyatt San Diego is located at:
One Market Place, San Diego, California, 92101

EXCLUSIVE ARRS RATES AT THE MANCHESTER GRAND HYATT SAN DIEGO HOTEL

	Single	Double	Triple	Quad
Standard Rooms	\$259	\$259	\$284	\$309
Grand Club Based on availability	\$334	\$334	\$359	\$384

All rates are quoted in U.S. funds and subject to applicable state and local taxes.

HOTEL CONFIRMATIONS

You will receive a confirmation number at the time of registration, along with instructions for making changes to your hotel reservation.

GUARANTEED RESERVATIONS

All hotel reservations must be guaranteed with a credit card.

CANCELLATIONS/CHANGES

Cancellations must be made twenty-four hours before arrival to avoid a one (1) night room and tax charge. Changes to your reservation can be made up until the day of arrival. Any cancellations and changes to your reservation must be made online until the day of arrival.

QUESTIONS REGARDING HOTEL RESERVATIONS

ARRS is not able to answer questions regarding hotel reservations. Contact the hotel directly with questions.

TRAVEL INFORMATION

The San Diego International Airport is located approximately 2.8 miles from the hotel or about 10 minutes by taxi. Information on taxis, shuttles and rental cars is available at: <http://www.san.org/sdia/transportation>.

ARRS 2014 ANNUAL MEETING REGISTRATION FORM

PLEASE VISIT WWW.ARRS.ORG FOR UP-TO-DATE INFORMATION AND TO REGISTER ONLINE.

FIRST NAME MIDDLE INITIAL LAST NAME

ADDRESS

CITY STATE/PROVINCE POSTAL CODE COUNTRY

TELEPHONE + COUNTRY & CITY CODE (IF APPLICABLE) FAX

EMAIL ADDRESS (CONFIRMATION & COMMUNICATIONS SENT TO THIS EMAIL)

DEGREES (MD, PhD, etc.) SUBSPECIALTY

NAME(S) OF GUEST(S) (\$99 per guest fee applies, includes exhibit hall admission, beverage breaks, and lunch Monday–Wednesday)

EMERGENCY CONTACT NAME TELEPHONE

GENERAL REGISTRATION FEE	EARLY BIRD Through 2/21/14	PRE-REGISTRATION Through 4/4/14	ON-SITE
ARRS PHYSICIAN MEMBER	\$499	\$599	\$699
ARRS EMERITUS/SRS MEMBERS	\$399	\$499	\$599
ARRS IN-TRAINING PHYSICIAN MEMBER	\$199	\$299	\$399
ARRS TECHNOLOGIST OR NURSE MEMBER	\$199	\$299	\$399
NONMEMBER	\$1,299	\$1,399	\$1,499

MULTI-DAY COURSES Check the course(s) for which you are registering.	MEMBERS	IN-TRAINING	NONMEMBERS
☐ Sunday, May 4–Tuesday, May 6: Categorical Course: The Radiology M and M Meeting: Misinterpretations, Misses, and Mimics	\$199	\$199	\$399
☐ Tuesday, May 6–Friday, May 9: Case-Based Imaging Review	\$199	\$99	\$399

REGISTRATION FEES

GENERAL REGISTRATION FEE	\$
CATEGORICAL COURSE FEE	\$
CASE-BASED IMAGING REVIEW FEE	\$
GUEST FEE (\$99 per guest):	\$
TOTAL FEES (All fees are in USD):	\$

Check Enclosed ☐

(in U.S. funds drawn on a U.S. bank made payable to ARRS)

CREDIT CARD ☐ MASTERCARD ☐ VISA ☐ AMERICAN EXPRESS

CARDHOLDER'S NAME

CREDIT CARD #

EXPIRATION DATE

SIGNATURE

Register by credit card online at www.arrs.org or by completing this form. Register by fax with payment by credit card to 703-729-4839 or mail with payment by check in U.S. funds drawn on a U.S. bank to: **ARRS, PO Box 418863, Boston, MA 02125-8863**. Registrations by telephone will not be accepted.

Written requests for cancellation must be received by email, fax, or mail. Written refund requests received prior to April 4, 2014, will be processed after the meeting minus a \$100 non-refundable cancellation fee. After April 4, cancellations will be processed but refunds will not be issued for any reason. Cancellations will not be accepted by telephone. Refund request of the \$100 cancellation fee will not be considered regardless of the registration category and amount paid or when requested. Registrants must be current ARRS members during the meeting to be eligible for member registration discounts. Submitted registration forms by mail, fax, or online serve as acknowledgment and acceptance of these policies.

COURSE ENROLLMENT Check the courses/events you wish to register to attend—select only one per line. See pages 14–19 for course information.

SUNDAY, MAY 4

- 8:00 am–12:00 noon ☐ Education Seminar
- 10:00 am–12:00 noon ☐ Breast Imaging Great Debate
- 1:00 pm–3:15 pm ☐ Lung Cancer Screening: A Practical Approach
- 1:00 pm–5:00 pm ☐ Business and Practice Management Seminar
- 4:00 pm–5:00 pm ☐ Radiology Year in Review
- 4:30 pm–5:30 pm ☐ SRS Guest Speaker Program: The Early Days of CT
- 5:45 pm–7:15 pm ☐ OPENING CEREMONIES

MONDAY, MAY 5

- 7:00 am–8:00 am POWER HOURS: ☐ Pediatric OR ☐ Vascular/Interventional
- 8:30 am–10:00 am ☐ IC101 ☐ IC102 ☐ IC103 ☐ IC104 ☐ SS01 ☐ SS02
- 10:30 am–12:00 noon ☐ IC105 ☐ IC106 ☐ IC107 ☐ IC108 ☐ SS03 ☐ SS04
- 12:00 noon–1:00 pm ☐ LUNCH IN THE EXHIBIT HALL
- 1:30 pm–3:00 pm ☐ IC109 ☐ IC110 ☐ IC111 ☐ SS05 ☐ SS06 ☐ SS07
- 3:30 pm–5:00 pm ☐ IC113 ☐ IC114 ☐ IC115 ☐ IC116 ☐ IC117
- 3:30 pm–5:30 pm ☐ IC112

TUESDAY, MAY 6

- 7:00 am–8:00 am POWER HOURS: ☐ Breast OR ☐ Cardiac
- 8:30 am–10:00 am ☐ IC201 ☐ IC202 ☐ IC204 ☐ SS08 ☐ SS09
- 8:30 am–10:30 am ☐ IC203
- 10:30 am–12:00 noon ☐ IC205 ☐ IC206 ☐ IC207 ☐ IC208 ☐ SS10 ☐ SS11
- 12:00 noon–1:00 pm ☐ LUNCH IN THE EXHIBIT HALL
- 1:30 pm–3:00 pm ☐ IC209 ☐ IC210 ☐ IC211 ☐ IC212 ☐ SS12 ☐ SS13
- 3:30 pm–5:00 pm ☐ IC213 ☐ IC214 ☐ IC215 ☐ IC216 ☐ IC217
- 3:30 pm–5:30 pm ☐ IC218

WEDNESDAY, MAY 7

- 7:00 am–8:00 am POWER HOURS: ☐ Gastrointestinal OR ☐ Genitourinary
- 8:30 am–10:00 am ☐ IC301 ☐ IC302 ☐ IC303 ☐ IC304 ☐ SS14 ☐ SS15
- 10:30 am–12:00 noon ☐ IC305 ☐ IC306 ☐ IC307 ☐ IC308 ☐ SS16 ☐ VT01
- 12:00 noon–1:00 pm ☐ LUNCH IN THE EXHIBIT HALL
- 1:00 pm–3:00 pm ☐ VT02
- 1:30 pm–3:00 pm ☐ IC309 ☐ IC310 ☐ IC311 ☐ IC312 ☐ IC313
- 3:30 pm–5:00 pm ☐ IC314 ☐ IC316 ☐ IC318 ☐ IC319
- 3:30 pm–5:30 pm ☐ IC315 ☐ IC317

THURSDAY, MAY 8

- 7:00 am–8:00 am POWER HOURS: ☐ Chest OR ☐ Ultrasound
- 8:30 am–10:00 am ☐ IC401 ☐ IC402 ☐ IC403 ☐ IC404 ☐ SS17 ☐ SS18
- 10:30 am–12:00 noon ☐ IC405 ☐ IC406 ☐ IC407 ☐ IC408 ☐ SS19 ☐ SS20
- 1:30 pm–3:00 pm ☐ IC409 ☐ IC410 ☐ IC411 ☐ IC412 ☐ SS21 ☐ SS22
- 3:30 pm–5:00 pm ☐ IC413 ☐ IC414 ☐ IC417 ☐ IC418
- 3:30 pm–5:30 pm ☐ IC415 ☐ IC416

FRIDAY, MAY 9

- 7:00 am–8:00 am POWER HOURS: ☐ Nuclear Medicine OR ☐ Musculoskeletal
- 8:30 am–10:00 am ☐ IC501 ☐ IC502 ☐ IC503 ☐ IC504 ☐ SS23 ☐ SS24
- 10:30 am–12:00 noon ☐ IC505 ☐ IC506 ☐ IC507 ☐ IC508 ☐ IC509
- 1:00 pm–2:30 pm ☐ IC510 ☐ IC511 ☐ SS25 ☐ SS26



Advance Your Skills and Connect WITH TOP RADIOLOGISTS

FUTURE MEETING DATES

ARRS 2015 Annual Meeting
April 19–24, 2015
Metro Toronto Convention Centre
Toronto, Canada

ARRS 2016 Annual Meeting
April 17–22, 2016
Los Angeles Convention Center
Los Angeles, CA

ARRS 2017 Annual Meeting
April 30–May 5, 2017
Hyatt Regency New Orleans
New Orleans, LA

ARRS 2018 Annual Meeting
April 22–27, 2018
Marriott Wardman Park Hotel
Washington, DC

REGISTER BY
FEBRUARY 21
TO RECEIVE THE
LOWEST RATES!

"The information you get here is up to date. It's practical. You will learn things you can take right back into practice."

—Melissa Rosado de Christenson, MD