

## Associated Sciences Program

The Associated Sciences Consortium will hold 10 refresher courses on Monday, Tuesday and Wednesday. The consortium comprises 12 associations representing the various disciplines that function within the radiology department.

### Refresher Courses

#### Monday – November 30

- Where is the Radiologist? Radiology's Changing Dynamics (two sessions)
- Compliance with the Supervision Rules and Accreditation Requirement: The Impact on Reimbursement
- Architecture That Makes a Difference: Design Guidelines for Tomorrow's Imaging Environment

#### Tuesday – December 1

- Molecular Imaging: Here to Stay
- Managing Risk for Optimal Patient Safety
- Imaging through a Cross-cultural Lens: A Global Perspective on Values, Norms, Mystiques and Fears
- Radiation Dose: Are We at Crisis?

#### Wednesday – December 2

- Why and How Far Health Care IT Is Behind Our Non-Health Care IT Brethren
- Imaging in the Operating Room

#### NEW ASRT @ RSNA 2009

Offered in collaboration with the American Society of Radiologic Technologists, ASRT @ RSNA 2009 is a new 10-session course that will be approved for continuing education credits for radiologic technologists.

#### Wednesday – December 2

- Why We Should Talk to Parents about Radiation Safety Issues
- Technologist Perceptions and Practice Related to Radiation Exposure Dose Trends in the United States
- Living on the Edge of Technology and Complexity: The Law of Unintended Consequences
- Challenges and Issues of Managing Technology: The Manager's Perspective



**Edward I. Bluth, M.D.**  
Chair, RSNA Associated Sciences Consortium



**Morris A. Stein, A.I.A.**  
Coordinator, Associated Sciences Consortium

#### Thursday – December 3

- Update on the Development of Breast Tomosynthesis
- Customer Service in the Imaging World
- More Is Not Better When We're Talking about Radiation Exposure in Kids
- Challenges and Issues of Managing Technology: The Educator's Perspective
- Equipment Replacements: Implementation, Challenges, and Rewards in a 24-Hour Operation
- Challenge and Change in Radiographers' Roles

## Scientific Paper Sessions

**RSNA 2009 will feature more than 1,500 scientific papers in 16 sub-specialties:**

- Breast Imaging
- Cardiac
- Chest
- Emergency Radiology
- Gastrointestinal
- Genitourinary
- Health Services Policy & Research
- Informatics
- Musculoskeletal
- Molecular Imaging
- Neuroradiology/Head & Neck

- Nuclear Medicine
- Pediatrics
- Physics
- Radiation Oncology & Radiobiology
- Vascular/Interventional

Scientific paper sessions will be held during nine designated time slots during the week. Seating is on a space-available basis. Those attending a scientific paper session will be able to evaluate the most current research, identify current and future scientific and technologic developments, modify academic and clinical practices and identify and practice research methods.



**Robert M. Quencer, M.D.**  
Chair, RSNA Scientific Program Committee

*AMA PRA Category 1 Credit™* is available for physicians and Category A+ CE credit is available for technologists.

### Integrated Science and Practice

Subspecialties will also offer Integrated Science and Practice (ISP) sessions combining education and science in the same session. ISP sessions start

with an invited lecturer, followed by abstract presenters. Some will conclude with a panel discussion of the subject.

## Digital Presentations

New this year, the electronic education exhibit and scientific posters so familiar to RSNA attendees are now known as digital presentations.

The 712 posters and 1,343 of the education exhibits covering a variety of subspecialties and modalities can be viewed on computers within each subspecialty area in the Lakeside Learning Center as well as the digital presentation area. During the lunch period, select authors are scheduled to be available for discussion.

Additional education exhibits presented on backboard panels will be clustered according to subspecialty in the Lakeside Learning Center. Authors of some of these exhibits are also available for discussion during the lunch period. See the *RSNA Meeting Program* for more information.

Scientific posters help attendees evaluate current research, identify current and future scientific and technologic developments, modify academic and clinical practices and identify and practice research methods.

Education exhibits are designed to review the diagnosis of a specific condition using either a single modality or multimodality approach, identify the state-of-the-art imaging and methods of treatment of various pathologic conditions and assess new research on applications of various imaging and therapeutic modalities.



**Claire E. Bender, M.D.**  
Chair, RSNA Education Exhibits Committee

Attendees are also encouraged to take part in lunchtime “topic table” discussions at the Lakeside Learning Center Bistro RSNA. Facilitators will lead discussions on different topics each day. See Page 18.

A map of the Lakeside Learning Center will be featured in the *RSNA Meeting Guide*, available onsite at McCormick Place.



# Refresher Courses

RSNA 2009 offers more than 350 refresher courses on traditional and cutting-edge topics.

Refresher Courses are conducted in a multiple- or single-instructor lecture format.

Advance registration is recommended for all refresher courses. If a particular course is full, attendees may check the availability of standby seating at the classroom location prior to the beginning of the course.

AMA PRA Category 1 Credit™ is available for physicians and Category A+ CE credit is available for technologists.

For more information or to register for courses, go to [RSNA2009.RSNA.org](http://RSNA2009.RSNA.org).

## Radiologist Assistants (RA) Symposium

Four refresher courses at RSNA 2009 are designed to meet the educational needs of the radiologist assistant (RA) as defined by the American Registry of Radiologic Technologists (ARRT®). Topics are abdominal imaging and procedures, musculoskeletal imaging and procedures, neuroimaging and radiologist assistant practice: continuing education, expansion and expectations.

## Case-based Review Courses

Day-long, case-based review courses feature an audience-response system (ARS) to facilitate self assessment. Topics this year are interventional, neuroradiology, pediatric radiology, MR and nuclear medicine: PET/CT. The Bolstering Oncoradiologic and Oncoradiotherapeutic Skills for Tomorrow (BOOST) program will include a 90-minute case-based review in radiation oncology each afternoon Monday through Thursday. Advance registration is required for case-based courses. Register online at [RSNA2009.RSNA.org](http://RSNA2009.RSNA.org).

## Essentials of Radiology Courses

This 2½ -day series of 10 refresher courses is designed especially for generalists, trainees and subspecialists who want to review other areas of radiology. The series will provide a thorough review in the areas of cardiac, chest, gastrointestinal, pediatric with a focus on neonatal imaging, genitourinary, musculoskeletal with a focus on arthrography, mammography, nuclear medicine, neuroradiology and ultrasound. Attendees may register for individual courses or the whole series.



James A. Brink, M.D.  
Chair, RSNA Refresher Course Committee

## 2009 Categorical Course in Diagnostic Radiology

- **Gastrointestinal—Esophagus and Stomach**

Sunday, November 29

Co-Directors: Rendon C. Nelson, M.D., and Desiree E. Morgan, M.D.

## 2009 Categorical Course in Diagnostic Radiology Physics

- **Advances in Digital Tomosynthesis—From Physics to Clinical Applications**

Monday, November 30

Co-Directors: James T. Dobbins III, Ph.D., and Martin J. Yaffe, Ph.D.

To register for these or any other courses, go to [RSNA2009.RSNA.org](http://RSNA2009.RSNA.org) and click Advance Registration and Course Enrollment.

More detailed information about RSNA 2009 is available at [RSNA2009.RSNA.org](http://RSNA2009.RSNA.org).



# Informatics

Numerous demonstrations at RSNA 2009 highlight the latest developments in radiology informatics.

## IHE® Image Sharing Demonstration—South Building (Hall A), Booth 2843

Attendees of the 2009 Integrating the Healthcare Enterprise (IHE®) Image Sharing Demonstration will see how institutions can provide better access to imaging information for patients and referring physicians and replace cumbersome image CDs with network access to images.

Held regularly during technical exhibit hours, the demonstration shows how images and radiology reports can become part of a patient's personal health record, available securely via the Internet to the patient and authorized care providers. The demonstration features leading vendors in medical imaging and electronic health records and is based on interoperability specifications from the IHE initiative.

## NCI caBIG® Imaging Workspace—Lakeside Learning Center

The National Cancer Institute's Cancer Biomedical Informatics Grid (caBIG®) Imaging Workspace, now in its fourth year at the annual meeting, will showcase five of its Imaging Tools as well as the Clinical Trials Suite in an interactive setting. Developers of these free, open-source tools will be on hand to give demonstrations and answer questions. In addition, caBIG Imaging program leaders will be available to discuss instances of existing utilization of caBIG Imaging and Clinical Trials Management Systems (CTMS) products as well as opportunities for attendees to begin using caBIG Imaging and CTMS products.



**David E. Avrin, M.D., Ph.D.**  
Chair, RSNA Radiology Informatics Committee

## National Library of Medicine—Lakeside Learning Center

The National Library of Medicine (NLM) provides free Web access to nearly 19 million citations for biomedical and clinical research articles dating back to the 1850s through PubMed/MEDLINE (available at *PubMed.gov*), which also includes links to many sites providing full-text articles and other related resources.

Additional databases provided free by NLM include resources on genetics and environmental and toxicological topics. NLM coordinates delivery of library services to health professionals through the National Network of Libraries of Medicine (NN/LM).

Other free databases provided by NLM focus on genetics, environmental and toxicological topics and resources for patients and families. NLM coordinates delivery of library services to health professionals through NN/LM; members of NN/LM Greater Midwest Region will staff the booth and coordinate additional volunteers who will staff the booth and teach instructional courses.

Demonstrations of the free databases and resources and personal training in searching PubMed/MEDLINE will be offered. Attendees are invited to search NLM databases on individual workstations with one-on-one assistance from NN/LM health sciences librarians. In addition, three NLM-sponsored courses will be presented three times during the week.

