

Associated Sciences Program

The Associated Sciences Consortium will hold 10 refresher courses on Monday, Tuesday and Wednesday. The consortium comprises 11 associations representing the various disciplines that function within the radiology department.

Refresher Courses

Monday – December 1

- Radiation Dose: Are We at Crisis?—Protecting Our Personnel
- Radiation Dose: Are We at Crisis?—Protecting Our Patients
- Preventing Radiology Errors
- Fusion Imaging

Tuesday – December 2

- Why Imaging Network Deployments Are Behind Our Non-Healthcare IT Brethren
- Design That Makes a Difference: Solutions for Today's Radiology Environment
- Radiology's Role: When Disaster Strikes!
- Satisfying Our Diverse Patient Needs: Unique Like Everyone Else

Wednesday – December 3

- Imaging in the Operating Room
- Current Regulatory Impacts on Compliance



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



Barbara A. Whitefield, M.A., R.T. (R) (CV)
Coordinator, Associated Sciences Consortium

Scientific Paper Sessions

RSNA 2008 will feature more than 1,800 scientific papers in 16 subspecialties:

- 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 technological developments, modify academic and clinical practices and identify and practice research methods.

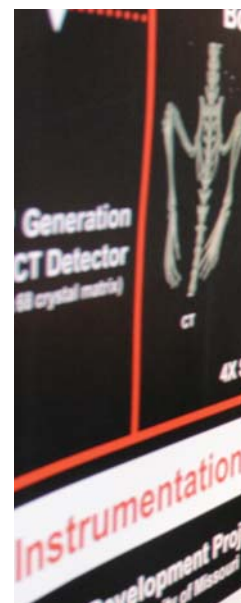
AMA PRA Category 1 Credit™ and *Category A+ CE credit* are available for technologists.

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.



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



Education Exhibits and Scientific Posters

NEW! This year the education exhibit and scientific poster area, known as the Lakeside Learning Center, will move down one level to Hall E, across from the main entrance to the Arie Crown Theater. The Lakeside Learning Center will also house a new expanded dining option, called Bistro RSNA, where attendees can sit down and enjoy a meal from a kiosk or a one-price buffet in a spacious dining area without interrupting exhibit and poster viewing time.

For more information about Bistro RSNA, which will also be offered in each of the three Technical Exhibits halls at RSNA 2008, see Page 17.

RSNA will also offer "topic tables" Monday through Wednesday at Bistro RSNA in the Lakeside Learning Center. Facilitators will lead discussions on different topics each day. See the *RSNA Meeting Guide* for more details.



Richard L. Baron, M.D.
Chair, RSNA Education Exhibits Committee

This year's 1,606 education exhibits and 729 posters cover numerous subspecialties. 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.

All scientific posters and some education exhibits are presented electronically. They can be viewed on computers within each subspecialty area in the Lakeside Learning Center as well as the

Hands-on Workshops Move to Hall A

Hands-On Computer Workshops will move this year to Hall A. See the Technical Exhibits section on Page 30 for workshop hours.

electronic presentation area. During the lunch period, select scientific poster and education exhibit authors are scheduled to be available for discussion.

Hard-copy, backboard-panel education exhibits 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 details.

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



Refresher Courses

RSNA 2008 offers more than 300 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 stand-by seating at the classroom location prior to the beginning of the course.

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Radiologist Assistants Symposium

Five refresher courses at RSNA 2008 are designed to meet the educational needs of the radiologist assistant (RA) as defined by the American Registry of Radiologic Technologists (ARRT®). Topics are the RA Role in Breast Intervention, Education and Certification, Practice in Nuclear Medicine and Sonography, Radiologist Preceptor in RA Education and Extending the Reach of the Radiologist.

Case-based Review Courses

Single-day, case-based review courses feature an audience-response system (ARS) to facilitate assessment. Topics this year are MR imaging, neuro-radiology, pediatric radiology and interventional radiology. Advance registration is required for case-based courses. Register online at RSNA2008.RSNA.org.

Essentials of Radiology Courses

This 2-day series of eight 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 of basic radiology in the areas of musculoskeletal, cardiac, pediatric, genitourinary/gynecologic, trauma, neuroradiology, abdominal and chest radiology. Attendees may register for individual courses or the whole series.



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

2008 Categorical Course in Diagnostic Radiology

• Cardiac Imaging

Co-Directors: Jill E. Jacobs, M.D., and U. Joseph Schoepf, M.D.

2008 Categorical Course in Diagnostic Radiology Physics

• CT and MR Imaging

Co-Directors: Willi A. Kalender, Ph.D., and Edward F. Jackson, Ph.D.

For more information or to register for these or any other courses, go to RSNA2008.RSNA.org and click Advance Registration and Course Enrollment.

More detailed information about RSNA 2008 is available at RSNA2008.RSNA.org.



Informatics

Numerous demonstrations at RSNA 2008 highlight the latest developments in radiology informatics.

NCI caBIG™ Imaging Workspace—Lakeside Learning Center

The National Cancer Institute's Cancer Biomedical Informatics Grid® (caBIG®) Imaging Workspace, now in its third year at the annual meeting, will feature real-world use cases, provide information on new projects and demonstrate currently downloadable tools including the eXtensible Imaging Platform (XIP), Annotations and Imaging Mark-up (AIM) Developer, National Cancer Imaging Archive (NCIA) and Imaging Middleware/Virtual PACS. The caBIG initiative aims to interconnect clinical cancer centers and ultimately make information accessible across the world using grid technology, giving researchers access to patients' DNA makeup, tumor DNA, proteomic data, pharmacokinetic data and anatomic and functional imaging data.



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 more than 18 million citations for biomedical and clinical research articles dating back to the 1850s through PubMed/MEDLINE (available online at PubMed.gov). Additional databases provided free by the

NLM include resources on genetics and environmental and toxicological topics. The NLM coordinates delivery of library services to health professionals through the National Network of Libraries of Medicine (NN/LM). Members of NN/LM Greater Midwest Region will staff a booth and teach instructional courses at RSNA 2008.

IHE® Image Sharing Demonstration—South Building (Hall A), Booth 2842

Once again the Integrating the Healthcare Enterprise (IHE®) Image Sharing Demonstration will showcase the latest IHE developments in electronic health records and standards-based interoperability. IHE provides a number of profiles for improving the efficiency of radiology systems and information sharing within and across care settings:

- *Portable Data for Imaging (PDI)* and *Import Reconciliation Workflow (IRWF)*, used to exchange medical images on compact disk
- *Cross-enterprise Document Sharing for Imaging (XDS-I)*, for sharing images across a network of care sites
- *Cross-enterprise Document Sharing (XDS.a and b)*, using Web services to connect electronic health record (EHR) and personal health record (PHR) systems



Advanced Imaging, Web and Informatics Classrooms

This year, the Advanced Imaging, Web and Informatics Classrooms have been relocated to McCormick Place meeting rooms in the South Building, Levels 4 and 5. For more information about courses offered in these classrooms and to register, go to RSNA2008.RSNA.org and click Advance Registration and Course Enrollment.