President’s Letter
Welcome to the 95th RSNA Scientific Assembly and Annual Meeting.

Your presence at RSNA 2009 demonstrates that our specialty is not only strong—it is thriving on the challenges we will meet as each of us works to revolutionize practice through our commitment to excellence. Fears about an uncertain economic climate have not daunted you. Our attendance remains on par with that of recent years, and our meeting rooms and exhibit halls are teeming with bright minds and promising ideas.

The 2009 scientific program and exhibition are intensely focused on quality. With technological advances, we are addressing such topics as dose-reduction algorithms, improving workflow and practice efficiency, and sharing electronic health and image information across enterprises. We approach the imperative of advancing healthcare just as our specialty always has: with sound, ethical, quantifiable science that is relevant, timely and applicable to practice.

Our opening session will explore national priorities for transforming healthcare and methods for placing more control and understanding in the hands of the patient. “Radiology and the Family Physician” is one of the dozens of refresher courses that emphasize the importance of multidisciplinary collaboration as we move forward.

Our specialty is leading the way in the healthcare revolution. By furthering our knowledge and skills, you are part of the movement that is making the practice of medicine more efficient, more compassionate, more intuitive and more outstanding.

On behalf of the RSNA Board of Directors, I wish you an extraordinary week.

Gary J. Becker, M.D.
RSNA President

Seeing Radiology Through the Patient’s Eyes

To improve the quality of the care they provide—and contribute to overall improvement in the U.S. healthcare system—radiologists must view services from the patient’s perspective, according to the RSNA 2009 Opening Session presenters.

“What would you want if your loved one were the patient?” asked Stephen J. Swensen, M.D., M.M.M., who along with Janet M. Corrigan, Ph.D., M.B.A., will present the session, “Quality Counts.” Robert M. Quencer, M.D., chair of the RSNA Scientific Program Committee, will moderate.

“You would want the appropriateness of each exam assessed?” asked Dr. Swensen. “Would you want standard protocols and structured reports that create an environment that predisposes to fewer errors and communication breakdowns? Would you want a practice that manages to patient satisfaction?”

Dr. Swensen said patient-centered radiology—his presentation is titled simply that—has the potential to improve outcomes, safety and service for patients. On the other hand, he said, radiology performed without the interests of the patient first and foremost in mind has significant economic, safety and ethical consequences.

“If you were the patient, you would prefer the right exam, at the right time, at the right cost, with the right interpretation, the right service, the right right information and the right shared decision making,” Dr. Swensen said. “That is patient-centered radiology.”

President’s Address

Amid Healthcare Reforms, “Quality Counts” Figuratively and Literally

Let there be no doubt: the future of safe, high-quality and affordable radiologic care is a quantitative one. According to 2009 RSNA President Gary J. Becker, M.D.

“It is time we accept and embrace this fact and get to work,” said Dr. Becker, who opens RSNA 2009 today at 8:30 a.m. in the Arie Crown Theater. The title of his address, “Quality Counts,” has three important meanings, said Dr. Becker, who also serves as executive director of the American Board of Radiology (ABR).

First, quality has never mattered more than it does in the current environment of healthcare reform, said Dr. Becker. “By delivering quality affordable care, engaging in physician performance assessment and improvement, demonstrating achievement of outcomes and embracing accountability through public reporting, we will earn the public’s trust and succeed in the new system of value-based healthcare purchasing,” he said.

“Quality counts” also acknowledges quality improvement as a quantitative applied science, said Dr. Becker. “Man has measured everything from the number of days in the year to the weight of atoms,” he said. “Yet we are just beginning to apply this penchant to measuring and improving the healthcare we deliver.”

Finally, said Dr. Becker, “quality counts” speaks to radiology’s dependence upon quantitative imaging and informatics to deliver the highest quality care and most efficient workflow.

For example, segmentation, with the...
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Sunday at a Glance

8:30-10:15
President’s Address (Arie Crown Theater)
Gary J. Becker, M.D.
Quality Counts
• RSNA Outstanding Researcher and Educator Awards Presented
• Dedication of 2009 RSNA Meeting Program: In Memory of Hillier L. Baker Jr., M.D., and Henry P. Pendergrass, M.D., M.P.H.

Opening Session (Arie Crown Theater)
Quality Counts
Moderator: Robert M. Quencer, M.D.
National Priorities for Transforming Healthcare
Janet M. Corrigan, Ph.D., M.B.A.
Patient-Centered Radiology
Stephen J. Swensen, M.D., M.M.M.

10:15-10:35
Business Session (Arie Crown Theater)
Mock Jury Trial (S406B)
Scientific Sessions (SSA)
Oncodiagnosis Panel (E353C)
Detection and Treatment of Early Lung Cancer: Current Controversies and Future Directions

12:30-1:30
Digital Presentations and Hard-copy Education Exhibit Presentations (Lakeside Learning Center)
Mock Jury Trial Lunch and Jury Deliberations (S406B)

1:45-3:30
Mock Jury Trial Verdict and Discussion (S406B)
Refresher Courses and Workshops (RC100)
Report of the RSNA Research & Education Foundation (Arie Crown Theater)
Jack E. Price

1:30-2:45
Presentation of Honorary Memberships (Arie Crown Theater)
• Lizbeth Kenny, M.D., Brookfield, Australia
• Bonat Marineke, M.D., Zurich, Switzerland
• Ho-Young Song, M.D., Ph.D., Seoul, Republic of Korea
Recoding Panel (E353B)
Detection and Treatment of Early Lung Cancer: Current Controversies and Future Directions

2:00-3:30
Scientific Sessions (SSA)
AAPM/RSNA Basic Physics Lecture for the Radiologic Technologist (E351)
MR Imaging—Advanced Technology
Therapy Shielding Physics and Applications of PET/CT
4:00-5:45
Financial Seminar (E253AB)
Asset Protection and Retirement Planning in the New (Stimulus?) Era

Daily Bulletin

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Welcome to RSNA 2009 from the RSNA Board of Directors

(Front row from left)
Hedvig Hricak, M.D., Ph.D., Dr. h.c., President-elect/Secretary-Treasurer
Gary J. Becker, M.D., President
Sarah S. Donaldson, M.D., Liaison for Publications and Communications

(Back row from left)
N. Reed Dunnick, M.D., Liaison for Science
Richard L. Baron, M.D., Liaison-designate for Education
George S. Bisset III, M.D., Liaison for Education
Burton P. Drayer, M.D., Chairman
Ronald L. Arenson, M.D., Liaison for Annual Meeting and Technology

GREETINGS

Office of the Governor
November 29 – December 4, 2009

Office of the Governor

Radiological Society of North America
820 Lake Shore Drive
Oak Brook, Illinois 60523-2251

Greetings!

As Governor of the State of Illinois, I am pleased to welcome everyone gathered for the 2009 Annual Meeting of the Radiological Society of North America.

The Radiological Society of North America has worked since 1915 to promote and develop the highest standards of radiology and related sciences through education and research. Your efforts help to better prepare healthcare professionals and improve the level of care patients receive. I hope this conference gives you many great opportunities to connect and network with others in your industry. I also hope the continuing educational sessions provide you with the chance to learn from and share the knowledge of the many disciplines represented.

I am certain that everyone in attendance will leave energized and eager to take on new challenges.

I would also like to offer a special welcome to those traveling from outside of Illinois for this event. During your stay, I encourage you to explore and discover the many sites and attractions that this great state has to offer. From historic landmarks and world-renowned museums, to first-class dining and theater experiences, to the scenic beauty of our small towns and prairies, there is truly a wide array of interests represented across the Land of Lincoln.

On behalf of the people of Illinois, I offer my best wishes for an enjoyable and rewarding event.

Sincerely,

Pat Quinn
Governor

GREETINGS

Office of the Mayor
November 29, 2009

Office of the Mayor

As Mayor and on behalf of the City of Chicago, it is my pleasure to extend warmest greetings to the Radiological Society of North America (RSNA) and all those attending the 2009 Scientific Assembly and Annual Meeting.

Founded in 1915, the Radiological Society of North America is committed to improving the quality of health care by setting the highest standards for radiology, medical imaging and related sciences. RSNA promotes research in all aspects of radiology and provides its members with educational programs that enable them to meet the professional challenges of the future.

While you are here, I hope you will take time to discover all that makes Chicago a great place to live and visit. I know you will like what you find. From our great architecture and beautiful Lake Michigan shorelines, to our exciting nightlife and many world-renowned cultural institutions, Chicago offers something for everyone.

Best wishes for an enjoyable and memorable event.

Sincerely,

Richard M. Daley
Mayor
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AN INTERNATIONALY recognized leader in molecular imaging, Dr. Gambhir is the Virginia and D.K. Ludwig Professor of Radiology and Bioengineering at Stanford University in Palo Alto, Calif., and was recently appointed head of Stanford’s new Canary Center for Cancer Early Detection. Dr. Gambhir has received more than $50 million in research funding and is currently the principal investigator for several National Institutes of Health R01s and program projects from the National Cancer Institute (NCI), including a Center for Cancer Nanotechnology Excellence and the In Vivo Cellular and Molecular Imaging Centers.

Born the son of a Chicago physician, Dr. Baker spent his entire 40-year career at the Mayo Clinic in Rochester, Minn., where he served as director of neuroradiology and chair and a professor of Radiology. Dr. Baker launched his greatest success in 1973, when he traveled to England to acquire the world’s first non-prototype waterbag head CT scanner for the Mayo Clinic.

From his earliest manuscripts and integrated into his department, Dr. Baker was soon in demand for his expertise interpreting CT scans of the head and spine and later applied his skills to MR imaging as well. His pioneering work with CT earned Dr. Baker was most expert on the technology.

Recognized for his innovative and inspirational teaching style, Dr. Fishman is a professor of radiology and oncology at The Johns Hopkins University School of Medicine and director of Diagnostic Imaging and Body CT at Johns Hopkins Hospital, both in Baltimore.

From his earliest manuscripts on educating the practicing radiologist on body CT and the value of 3D imaging to his later articles on the science of radiology education, Dr. Fishman has always approached radiology from the standpoint of an educator. A majority of the more than 1,000 journal articles authored by Dr. Fishman include a student or trainee as first author or co-author, a testament to his ongoing role as mentor to generations of residents, fellows and junior faculty.

Dr. Fishman has developed 25 audio-visual and Web-based programs devoted to disseminating radiologic educational materials, including Citius.com, a Website used by radiologists and technologists worldwide. He regularly contributes education exhibits, scientific posters and papers, plenary sessions and refreshers courses to RSNA annual meetings, founding trustee of the Research & Education Fund (now the Research & Education Foundation). Dr. Pendergrass received the RSNA Gold Medal in 1984. RSNA’s New Horizons Lecture is named in honor of his father.

Dr. Becker noted a 1998 interview in which Dr. Pendergrass, asked to remark on future directions for RSNA and to offer advice, replied: “Don’t let success go to your head. Don’t try to be all things to all people. Concentrate on what you do well, which is to put on an annual scientific program, which is superb.”

The full dedications are available in the RSNA Meeting Program, which is available online at RSNA2009.RSNA.org

**RSNA 2009 Sets a New Record**

Despite a slow economy, attendance for the RSNA Annual Meeting is very strong and has even set a new record.

**RSNA Membership Exceeds 44,000**

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- Access to CME credit and other educational resources
- Access to myRSNA™, a Web page you can personalize with CME topics, news, annual meeting information and other content most important to you
- Access to the RSNA Buyers Guide, a searchable resource for radiology-related products and services

For more information or to apply, go to the membership booth, RSNA Services, Lakeside Center or go to RSNA.org/Membership

If you have questions, contact RSNA Membership at membership@rsna.org or 1-630-571-7873.
R&E Foundation Celebrates Silver Anniversary Campaign Success

Throughout RSNA 2009, the RSNA Research & Education (R&E) Foundation is celebrating the success of its $15 million Silver Anniversary Campaign. The Foundation will recognize the donors who helped achieve the campaign goal and the researchers and educators the Foundation has supported in developing breakthroughs that are shaping the future of radiology.

During this morning’s Opening Session, the Foundation will announce the 2009 Outstanding Researcher and Outstanding Educator chair Jack E. Price will lead a presentation about the success of the Silver Anniversary Campaign and the promising research and education projects the funds will support.

“Many of radiology’s brightest minds have gotten their start with R&E Foundation grants over these past 25 years,” said Price. “As a result, they have received millions in subsequent funding from the National Institutes of Health and other sources, and have launched outstanding careers that have led to incredible breakthroughs in the field,” he said.

“It’s wonderful to see that donors have stepped up to help ensure that radiology education and research may have a solid foundation for the next 25 years. It’s a great start, and we hope to see this kind of support continue.”

Corporate supporters donated and pledged $6.7 million to the Campaign, launched at RSNA 2005. Private practices donated and pledged another $1.2 million and individual giving reached a record $7.5 million. The R&E Foundation will host receptions this week honoring major donors.

“The success of the RSNA R&E Foundation Silver Anniversary Campaign is an outstanding accomplishment for many to share, both contributors and solicitors,” said Robert E. Campbell, M.D., chair of the R&E individual giving subcommittee. 1989 RSNA president and one of the Foundation’s founding trustees. “Furthermore, it is a testimony to the realization that research and education in radiology provide the foundation for improved patient care.”

The anniversary celebration continues throughout the week in the R&E Pavilion in RSNA Services, where attendees can use interactive displays listing donors and grant recipients. The displays are searchable by name and location.

As always, the R&E Donor Lounge in RSNA Services provides donors who have given $250 or more with a place to relax and enjoy complimentary refreshments. In the Donor Lounge and Pavilion, attendees can look back over R&E’s first 25 years and look forward by discovering ways to get involved in helping to fund critical research and education.

Refresher Course Fosters Radiologist, Family Physician Relationships

New to RSNA 2009 is a course co-presented by RSNA and the American Academy of Family Physicians (AAFP). “Radiology and the Family Physician” will explore ways to build professional bridges by helping radiologists and family physicians learn what they expect and need from each other. Participants will be encouraged to engage in dialogue to improve communication and optimize patient care.

“In this era of healthcare reform and new patient care models, it is critical that radiologists and family doctors can work together to improve their patients’ care,” said M. Ines Boechat, M.D., a member of the RSNA Public Information Committee and chair of the Society for Pediatric Radiology board.

Presenters are AAFP fellow Robert W. Bales, M.D., M.P.H., professor of clinical family medicine at the University of Illinois College of Medicine at Rockford, and RSNA presenter Carol M. Rummack, M.D., a professor of radiology and pediatrics at the University of Colorado Denver School of Medicine.

To be covered in the course:
- What radiologists can expect from family physicians
- What family physicians need from radiologists as the specialists in medical imaging
- The “Patient-centered Medical Home” model
- How radiologists and family physicians can improve communications and work more effectively to enhance patient care
- Opportunities for radiologists to improve and expand interactions with family physicians

To obtain a ticket for RC216 or inquire about available seating in other RSNA 2009 courses, visit a Refresher Course Ticketing location in the Grand Concourse or Lakeside Center Ballroom—Level 3.
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Informatics Demonstrations Showcase Latest in Interoperability

A variety of RSNA 2009 demonstrations and exhibits illustrate how informatics projects can be applied to real-world information sharing.

IHE® Image-Sharing Demonstration—South Building, Hall A, Booth 28B

Learn how institutions can provide patients and referring physicians better access to imaging information and replace image CDs with network access to images. This demonstration shows how images and radiology reports can become part of a patient’s personal health record, available securely via the Internet.

The demonstration features leading vendors in medical imaging and electronic health records and is based on interoperability specifications from the Integrating the Healthcare Enterprise (IHE®) initiative. The demonstration takes place regularly throughout technical exhibit hours. Several vendors will also demonstrate their ability to access images and share related information across the healthcare network from their commercial booths.

RSNA Informatics Kiosk—Lakeside Learning Center, Hall E, LL-IN3580

The informatics kiosk showcases RSNA-developed tools that aid in improving quality and work efficiency. Learn about the solutions that allow you to increase productivity in today’s all-digital environment, communicate diagnoses clearly and consistently, use informatics technology to improve the quality and efficiency of patient care and participate in imaging clinical trials and create electronic teaching files.

National Library of Medicine Literature Searching Demonstration—Lakeside Learning Center, Hall E, LL-IN3582

The National Library of Medicine (NLM), which offers free Web access to nearly 19 million citations for biomedical and biological medical articles back to the 1860s at PubMed.gov, will provide demonstrations of free databases and resources, as well as personal training in searching PubMed/MEDLINE. Attendees are invited to search NLM databases on individual workstations with one-on-one assistance from health sciences librarians.

NCI caBIG® Imaging Workspace—Lakeside Learning Center, Hall E, LL-IN3581

The National Cancer Institute’s Biomedical Informatics Grid (caBIG®) has launched multiple informatics projects addressing pressing imaging challenges including lowering the barrier to participation in clinical trials, controlled vocabularies and ontologies, standards for annotation and mark-ups, uniform protocols in research, grid computing and change detection and computer-aided detection. caBIG 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. caBIG imaging program leaders will also be available to discuss existing utilization of caBIG Imaging and Clinical Trials Management Systems (CTMS) products as well as opportunities for attendees to begin using caBIG and CTMS products.

New “Reading Room of the Future” Highlights Quantitative Analysis

Located in the Lakeside Learning Center, the new “Toward Quantitative Imaging: Reading Room of the Future” area showcases products that integrate quantitative analysis into the image interpretation process. Representing academia and industry, Reading Room participants will demonstrate products and applications addressing workflow, quality improvement processing functions, mark-up decision support and clinical applications in oncology, cardiology, osteoarthritis and other diseases.

“Several trends in medicine make it important for radiologists to place more focus on extracting quantitative results from imaging studies,” said Daniel C. Sullivan, M.D., a professor in the Department of Radiology at Duke University and RSNA Science Advisor who heads RSNA’s Quantitative Imaging Biomarkers Alliance. “For example, the evolution towards molecular medicine (personalized medicine), the continued progression toward evidence-based medicine, the creation of decision-support tools (AI), and the development of pay-for-performance plans all need to be based on quantitative test results.”

Visitors to the Reading Room of the Future can learn through exhibits featuring informational posters, computer-based demonstrations and “Meet the Experts” presentations scheduled throughout the week. The exhibits are educational in nature and not designed for product promotion.

New Storyboards Among Quality-Focused Offerings

Numerous RSNA 2009 presentations, sessions and courses continue the quality theme launched during today’s Opening Session.

NEW AT RSNA 2009 are Quality Storyboards, located in the Health Services, Policy and Research section in the Lakeside Learning Center. More than two dozen storyboards detail successful quality improvement projects that can help inspire and guide other institutions. Projects include evaluating personalized dose reduction techniques, reducing the need for sedation in pediatric imaging and systemic defenses against wrong patient, wrong procedure and wrong site incidents.

“The response to our call for quality improvement projects far exceeded our most optimistic expectations,” said James R. Duncan, M.D., Ph.D., a member of the RSNA Quality Improvement Committee. Dr. Duncan is an associate professor of radiology at the Mallinckrodt Institute of Radiology in St. Louis.

“Toward Quantitative Imaging: Reading Room of the Future” is sponsored by the National Cancer Institute’s Biomedical Informatics Grid (caBIG®). This event is free and open to all RSNA attendees.

To obtain tickets for these courses or inquire about available seating in other RSNA 2009 courses, visit a Refresher Course Ticketing location in the Grand Concourse or Lakeside Center Ballroom—Level 3.
The American Board of Radiology celebrates 75 years of service and dedication to serving patients, the public, and the medical profession by certifying that its diplomates have acquired, demonstrated and maintained a requisite standard of knowledge, skill and understanding essential to the practice of diagnostic radiology, radiation oncology and radiologic physics.

Learn more at the ABR kiosk in RSNA Services.
RSNA’s Annual Meeting Grows “Greener” Every Year

RSNA continues its commitment to hosting one of the greenest meetings in the industry with a number of environmentally friendly initiatives. Thanks to efforts of attendees, contractors, exhibitors and staff, the diversion rate for RSNA 2008 resources was 70 percent—a 13 percent increase over 2007. Ongoing initiatives at RSNA 2009 are:

**Energy Conservation**
McCook Place is reducing lights, power, heating and air conditioning during move-in and move-out in exhibit halls and meeting rooms, when not in use. The convention center purchases 10 percent of its annual electricity from renewable sources. Other measures are:
- Compact fluorescent lamps have replaced incandescent lamps throughout the convention center.
- RSNA provides complimentary Metra transportation to and from McCormick Place and three downtown stations within walking distance of many RSNA-contracted hotels.
- To encourage carpooling, shared cab transportation options at the convention center allow attendees to pay a flat per-person fare to hotels, restaurants and other attractions.
- RSNA encourages the use of Go Airport Express Shuttle Services. Traveling in a shared airport shuttle saves 58 percent of a person’s carbon footprint compared to traveling in a taxi.

**Water Conservation**
McCormick Place serves drinking water from large containers into recyclable plastic cups rather than individual plastic bottles and uses water-saving strategies like not pre-filling drinking glasses at meal functions or placing saucers under coffee cups.

**Other Conservation Initiatives**
Opportunities abound for recycling and reducing waste at RSNA 2009. Among ongoing efforts:
- Bins are stationed throughout the convention center for recycling badges, lanyards, Meeting Programs and bags.
- Recycling receptacles are placed through-out for paper, bottles, cans and general waste.
- McCormick Place utilizes a waste disposal partner to sort waste and recyclables to more accurately determine facility diversion rates and employs a system to improve the separation of construction-related waste.
- Many RSNA resources are now paperless, including the Exhibitor Service Kit, CME certificates and registration process.
- The Meeting Program and Subspecialty Content Brochures are available online.
- Printed meeting publications are printed on recycled and/or recyclable, chlorine-free paper with a soy-based ink.
- Official meeting bags are made of recycled materials and any unused/returned bags are donated to a local charity.
- All excess food will be donated to a local food bank.
- Exhibitors are requested to recycle cardboard and freight materials, minimize packaging and minimize collateral material distribution.

**Environmentally-Friendly Purchasing**
For RSNA 2009, McCormick Place is using “green seal” certified cleaning products. Also, restroom products are 100 percent post-consumer recycled content paper. In addition, the caterer uses fully biodegradable beverage cups, plates, straws and cutlery and styrofoam and polystyrene plastic products have been eliminated. The service contractor provides recyclable carpet and eco-friendly exhibit packages and reusable signage material wherever possible. All unusable carpet is recycled.

Chicago Boasts Most Green Hotels and Restaurants in the Nation
Chicago has more Green Seal-certified hotels than any other city in the nation—a complete list is available at ChicagoGreen.com. In addition, the Green Chicago Restaurant Co-op recently announced the launch of Guaranteed Green, a new program that helps Chicago-area diners identify and support local restaurants that take significant steps toward protecting the environment. More information is available at BuyGreenChicago.com.

**Meet the Editors This Week**
Stop by the publications kiosk in the RSNA Services area at RSNA 2009 to meet the editors of RSNA’s two peer-reviewed journals. Radiology Editor Herbert Y. Kressel, M.D., and Radiographics Editor William W. Olmsted, M.D., will be on hand to answer questions and discuss these prestigious medical journals with attendees. Dr. Kressel will be available 10:00 a.m. – 10:30 a.m. Tuesday, Dec. 1 and Wednesday, Dec. 2. Dr. Olmsted will be available 10:30 a.m. – 11:15 a.m. Tuesday, Dec. 1.

Amid Healthcare Reforms, “Quality Counts” Figuratively and Literally

CONTINUED FROM COVER
aid of computer algorithms, is applied for detection, characterization and assessment of therapy response,” Dr. Becker said. “Accuracy and workflow are enhanced, which is increasingly important as the deluge of data flowing into reading rooms continues to grow in volume and complexity.”

Imaging biomarkers will become central to patient management in the personalized medicine era, added Dr. Becker, as individualized care decisions are based upon prediction of therapy response rendered through imaging.

A prolific leader and investigator, Dr. Becker is a professor in vascular and interventional radiology at the University of Arizona College of Medicine in Tucson. Before taking the ABR helm, Dr. Becker served 14 years at the Baptist Cardiac and Vascular Institute of Miami, followed by a year and a half in the Cancer Imaging Program of the National Cancer Institute, and two years with time divided between interventional radiology at the University of Arizona and ABR, where he served simultaneously as associate executive director for diagnostic radiology and subspecialties. Dr. Becker was founding editor of the Journal of Vascular & Interventional Radiology and its editor-in-chief from 1990 to 1995. He has developed transcatheter thrombolytic therapies, conducted numerous clinical trials in vascular disease management including vascular stenting and endografting of aortic aneurysms and holds several patents for metallic stents.
**Session Highlights Best of United Kingdom Research**

“U.K. Presents,” an Integrated Science and Practice session offered in conjunction with the Royal College of Radiologists (RCR), will feature the latest and best in radiology research from the United Kingdom.

“This session is particularly appropriate in view of the very close link between British and American radiology,” said session moderator and RCR President Andy Adam, M.B.B.S. “There are many similarities in our specialty on both sides of the Atlantic—but in science and life, there are also sufficient differences that we have a few things to teach each other.”

The session will cover high-resolution CT of the lungs, MR fluoroscopy and emergency radiology. It is the third in the RSNA “Presents” series—“Italy Presents” was featured at RSNA 2007 and “Japan Presents” was offered last year. Argentina and China will be featured in 2010 and India and Germany in 2011.

“The first two lectures will explore state of the art in the imaging techniques and outline their increasingly useful clinical applications,” said Dr. Adam. “The third lecture will focus on the role of interventional radiology in major trauma and on the importance of accurate imaging in guiding vascular embolization, as well as other interventional techniques.”

The United Kingdom’s role in the history of radiology is significant considering that Britons invented or co-invented ultrasound, CT and MR imaging and have played a major role in the clinical development of modern diagnostic and interventional radiology, said Dr. Adam. They also founded the oldest national radiological society in the world, he said.

There have also been a few missteps along the way, Dr. Adam pointed out. “I wish that Lord Kelvin, who served as president of the Royal Society and was one of the most eminent scientists in Britain, had not said that ‘X-rays are a hoax,’” said Dr. Adam. “It seems increasingly unlikely that he was correct. However, we have worked to make up for this misjudgment.”

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**RSNA 2009 Mobile Web Site Gives Attendees Instant Access to Meeting Schedule and Communications**

During RSNA 2009, attendees can access a condensed version of the meeting Web site on their mobile devices—such as smartphones—at m.rsna.org. The mobile site enables visitors to search the RSNA Meeting Program and exhibitor list. It also gives users quick access to RSNA’s messaging center.

In addition, the mobile site features a Briefcase that helps users keep track of their scheduled events, exhibitors they’re interested in visiting and messages sent from other attendees. A new “Events Occurring Now” link is especially useful for attendees who find themselves with unscheduled time or would like to check out concurrent offerings. It provides a list of all the courses and presentations scheduled for a given time block.

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**Tweet Your RSNA 2009 Experience**

Access Twitter to follow live feeds about RSNA 2009 and contribute Tweets of your own. RSNA staff members will be tweeting live buzz and information at @RSNA and want you to join in the discussion. Tweet about your experience and interact with others using the hashtag #RSNA09.

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**Visit the RSNA Education Store**

- **Purchase the Finest Quality Radiologic Education Products**
  Refresher courses on CD-ROM, Syllabi and more

- **View Demonstrations of New! Web-based Instructional Physics Modules**
  Phase one modules include: Radiography, Ultrasound, MRI, Nuclear Medicine and Radiation Biology

- **Additional Demonstrations**
  Online MOC Resources and CME Programs

RSNA Services–Lakeside Center Ballroom

**HOURS**

- **Saturday:** 12:00 p.m.–6:00 p.m.
- **Sunday-Thursday:** 7:30 a.m.–6:00 p.m.
- **Friday:** 7:30 a.m.–1:00 p.m.
Seeing Radiology through the Patient’s Eyes

CONTINUED FROM COVER

National Quality Forum in Washington. Dr. Corrigan noted how in 2008, 28 influential national organizations—representing patients, public and private purchasers, healthcare professionals, hospitals, insurers and the public health community—established a set of national priorities and goals for transforming healthcare. “Efforts are now under way on performance measurement, public reporting and payment initiatives, as well as accreditation and board certification programs, to achieve these national priorities and goals.”

In addition to presenting the evidence that illustrates the shortcomings of the current system—fragmentation, lack of timely access to complete medical record information, lack of understanding and adherence to practice guidelines, waste—Dr. Corrigan will explain the implications of these national priorities and goals for the financing, organization and delivery of healthcare.

Dr. Swensen is director for quality at the Mayo Clinic in Rochester, Minn., and also serves as a professor of radiology in the Mayo Clinic College of Medicine. He chaired the Department of Radiology at Mayo from 1998 to 2006 and also served as the radiology education program director.

Inaugural chair of RSNA’s quality improvement committee—formed in 2006 to encourage and empower quality improvement endeavors by radiologists—Dr. Swensen has also chaired the Quality Metrics Committee of the American College of Radiology.

Dr. Swensen is past-president of the Society of Thoracic Radiology and the Fleischner Society. He has served as principal investigator on three National Institutes of Health grants related to lung cancer screening with CT and diffuse infiltrative lung disease. Among numerous other honors, Dr. Swensen is the recipient of the Hounsfieid Award of the Society of Computed Body Tomography and Magnetic Resonance Imaging. In his position at the National Quality Forum, Dr. Corrigan has helped develop and implement a national strategy for health care quality measurement and reporting. Dr. Corrigan previously served as president and CEO of the National Committee for Quality Health Care until that organization’s merger with the National Quality Forum.

RSNA 2009 Abstracts by Subspecialty

A RECORD 10,891 abstracts were submitted for consideration for presentation at RSNA 2009. This year’s abstracts include 6,769 scientific paper or poster abstracts and 4,122 education exhibit abstracts.

<table>
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<tr>
<th>Subspecialty</th>
<th>Scientific Presentation (paper or poster)</th>
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<td>Vascular/Interventional</td>
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Program Updates for Sunday & Monday

SUNDAY WITHDRAWN

Paper # SSA24-06 / 11:35 a.m., E350
Stent Placement for Transplant Renal Artery Stenosis
Poster # LL-RO4196 / 12:30 p.m., Lakeside Learning Center
Comparison of the Radiosensitizing Effects of Nanoparticle-mediated Heating for Prostate Cancer Cells
Poster # LL-PO4238 B02 / 12:30 p.m., Lakeside Learning Center
Nonsurgical Intravascular Fracture-Dislocation: A Frequent Overlooked Injury

SUNDAY REPLACEMENT

Paper # SSA24-06 / 11:35 a.m., E350

MONDAY WITHDRAWN

Paper # SSC13-03 / 10:50 a.m., E229
A Proton Magnetic Resonance Spectroscopic Imaging Study in Essential Tremor
Poster # LL-PD4382-b02 / 12:30 p.m., Lakeside Learning Center
A Diffusion Tensor Imaging Study in Essential Tremor

MONDAY REPLACEMENT

Paper # SSC13-03 / 10:50 a.m., E229
High Resolution DT Diffusion Imaging-based Tractography for Differential Diagnosis of Parkinsonism

Fetal Dose

A Fetal dose can vary according to protocols used but typically is less than 1 mGy for either study. This is well below the threshold for malformation or neurological detriment at all stages of gestation.

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Stephen J. Swensen, M.D., M.M.M.

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OnePacs Editions

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<th>Cost model</th>
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<th>Hospital</th>
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Please refer to the full set of terms for each edition for more details.

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