

2016 Report of the *RSNA News* Editorial Board

RSNA News remains dedicated to its mission of providing the RSNA membership with timely, interesting articles about important events, people, and scientific discoveries, using a variety of media to accommodate different user preferences.

Broad Range of News Coverage

In 2016, *RSNA News* remained a premier source of news about radiologic science, technology, education, and research, as well as legal and health policy issues. A full list of feature articles published in *RSNA News* from December 2015 to December 2016 follows this report.

Hot Topics—Features on radiology’s critical issues explored topics such as the importance of understanding RVUs in order to offset declining reimbursement and the role of imaging in the explosion of precision medicine. Also covered were the growth of machine learning in healthcare and its effect on radiology, the importance of building rapport with referring physicians and patients, and the new ABR interventional radiology/diagnostic radiology certification.

Technology—The magazine strives to help readers keep pace with technological developments in the exam room, reading room and beyond. Articles in 2016 included reports on the conversion of DICOM images to 3-D printed models, a potential virtual reality prototype for diagnostic imaging, the increased need of cybersecurity for medical imaging, and radiology education via mobile technology.

Research—*RSNA News* kept readers on the cutting edge with articles on topics such as a promising new CT colonography technique, TACE advances that are benefiting patients with liver cancer, pre-operative MRI’s possible role in reducing recurrence in triple-negative breast cancer, and researchers urging caution with benefit/risk ratios in breast screening.

Global Issues—Committed to helping readers understand the state of the radiology specialty around the world, *RSNA News* reported on the impact of RSNA’s international programs and strived to increase members’ awareness of global radiology needs.

New Departments

In 2016, *RSNA News* launched two new departments: “Member Spotlight,” to recognize more members at different career levels highlighting their interests and the work they are doing for the Society, and “Patient Focus,” emphasizing the importance of patient-centeredness with tips and best practices offered by radiologists as well as patient success stories.

RSNA Activities

As always, *RSNA News* maintains its commitment to promoting RSNA programs and member benefits, including comprehensive coverage of the annual meeting and articles on RSNA Research & Education Foundation funding and successful grant outcomes, new online features offered by the RSNA journals and the *RadiologyInfo.org* patient information website.

Special October-November Annual Meeting Preview

Each October, *RSNA News* proudly offers a double issue featuring everything attendees need to prepare for the annual meeting, including plenary lecture previews, services provided by RSNA, and McCormick Place details. This year, the meeting preview issue was reformatted for better readability and to function as a comprehensive planning tool for RSNA 2016 attendees.

Digital Publishing

Beginning in January 2017, members in training will be asked to notify RSNA if they would like to continue receiving RSNA News in print. Results from several surveys of resident and fellow members indicate that a majority of them prefer to read the newsmagazine online. The change also supports RSNA’s efforts to make environmentally conscious decisions.

With many readers’ preferences for digital formats in mind, the *RSNA News* Editorial Board works with staff to continuously enhance the online version of the magazine. In 2016, *RSNA News* increased the frequency of its “digital first” strategy, whereby stories and announcements go online first, with the print publication becoming a curated collection of online content and more in-depth pieces. The goal is to capitalize on the unique advantages of each medium for the optimum benefit of *RSNA News* readers.

At the same time, web pages are being redesigned to be more engaging and allow easier navigation between stories and issues of the magazine. We also continue to optimize the experience for those reading *RSNA News* on a smartphone or a tablet.

Look Ahead Series

The *RSNA News* “Look Ahead” series exploring the current and future state of a variety of radiology-related topics and subspecialties was launched originally to recognize RSNA’s Centennial. The Editorial Board decided to continue the successful series featuring luminaries in radiology who each cover a crucial aspect of radiology—where and how it began, how it has developed and most importantly, as the series title suggests, their predictions on where the subspecialty or topic of interest will go.

The *RSNA News* Team

As I report on my first year as RSNA News editor, I thank the RSNA Board of Directors, especially Board Liaison for Publications and Communications Mary C. Mahoney, MD, for entrusting the care of the magazine to me. My gratitude also goes out to the editorial board members—Gary J. Becker, MD, Stephen D. Brown, MD, Daniel Hamstra, MD, Bonnie N. Joe, MD, PhD, Edward Y. Lee, MD, Laurie A. Loevner, MD, Tirath Y. Patel, MD, Martin P. Torriani, MD, and Vahid Yaghmai, MD — whose diverse expertise and unique talents serve the magazine well, and the RSNA staff who make *RSNA News* so successful.

Gary J. Whitman, MD

Chair, *RSNA News* Editorial Board

Feature Articles Published in *RSNA News*, December 2015 – December 2016

December 2015

LOOK AHEAD: The Evolution of Hands-on Simulation and Phantom Training in Radiology

Telerobotic Ultrasound May Revolutionize Telemedicine

RSNA Outreach Educates Public, Media About Radiology

Radiologists See Increased Pay for Second Year

January 2016

Embracing Patient-centered Care

Explaining, Discussing Medical Imaging is Key to Patient Understanding

RSNA 2015 Turned Focus Toward Next 100 Years

Alzheimer's Research Receives the RSNA Margulis Award

Studies Investigate Significance of Follow-up Head CT, MRI

CT Technique Shows Promise with Colonoscopies, Colon Cancer

New Imaging Analysis Technique Provides Faster Treatment Assessment for Liver Cancer

IVP Team Teaches, Learns from Radiology Residents in Chile

February 2016

Radiology Imaging Education Focus of International Panel

Want to be a Successful Leader? Three of Radiology's Prominent Leaders Tell You How

Simulation Effective in Gauging Residents' Communication Skills

PET/MRI Faces Challenges on Road to Wider Use

MRI Technique Helps Clarify Breast Lesions Without Contrast

Coronary Calcium CT Scan May Predict Premature Death Risk

Converting DICOM Images to 3-D Printed Models Critical to Progress

March 2016

LOOK AHEAD: The Economics of Imaging

Virtual Reality Prototype Shows Potential for Diagnostic Imaging

Virtual Autopsy Connects Radiology and Forensics

Artists Draw on Unique Inspirations to Create Winning Entries in RSNA Image Contest

RSNA Grant Leads to Critical Research on RF Tumor Ablation

Understanding RVUs is Critical to Offsetting Declining Reimbursement

Radiology Workload Outpacing Reimbursement, Study Shows

April 2016

Imaging Plays Critical Role in Precision Medicine Explosion

Radiology Editor Urges Authors to Use Checklists to Improve Reporting Accuracy

Quality of the Peer Reviewer Impacts Quality of Journal

Radiologists, Referring Physicians Build Rapport with Patients

TACE Advancements Benefit Patients Battling Liver Cancer

Imaging Plays Increasingly Critical Role in Fighting Obesity

May 2016

LOOK AHEAD: Machine Learning in Radiology

Cybersecurity Increasingly Critical for Medical Imaging

Derek Harwood-Nash Fellowship Opens Doors for International Radiologists

New ABR Certificate Represents Historic Transition for Interventional Radiology

Molecular Imaging Technique Advances Cancer Research

June 2016

Researchers: Use Caution with Benefit/Risk Ratios in Breast Screening

Pre-operative MRI May Play Role in Reducing Recurrence in Triple-negative Breast Cancer

The Promise and Potential of DTI in Neurology

Socioeconomic Disparities May Foster “Missed Care Opportunities”

Unique Stressors Lead to Burnout in Radiology

Radiology Plays Critical Role in the Diagnosis of Child Abuse

July 2016

LOOK AHEAD: The Future of Pediatric Radiology

BOOST Forges Ties Between Radiology, Radiation Oncology

Patient’s Painting a Tribute to Radiologist’s Dedication

Mobile Technology Takes Radiology Education to a New Level

Image-guided Video-assisted Surgery Helps Remove Small Lung Masses

RSNA Resident and Fellow Committee Seeks New Ways to Engage Trainees

August 2016

RSNA Symposium Will Shine World Spotlight on Liver Imaging

RSNA Joint Partnerships Strengthen Radiology Across the Globe

Patients, Families Key to Improving Healthcare Quality and Value

Brain MRI Shows Subtle Changes in White Matter in Aging Adults

Radiologists Play Key Role on Multidisciplinary Tumor Boards

September 2016

LOOK AHEAD: Challenges and Opportunities for Ethics and Professionalism in Radiology

Experience Chicago during RSNA 2016

Precision Imaging in Medicine Focus of RSNA/AAPM Symposium
USPSTF Approval of CT Colonography a “Big Win for Patients”
The Netherlands, Turkey Spotlighted at RSNA 2016 Country Presents Sessions
Biophotonics Pushes the Boundaries of Radiology
One Year After ICD-10: The Conversion Went Well, but More Changes are Coming

October-November 2016

Annual Meeting Preview

Plenary Sessions

Educational Courses

Trending Topics

Virtual Meeting

Connections Center

Meeting Essentials

2016 Honorees

Tracking the Dramatic Evolution of RSNA’s Diagnosis Live™

QIBA® Expands at RSNA 2016 and Internationally

Radiologist Assistants, Radiologic Technologists Aid Patient-Centered Care

Tight Budget? Experience Chicago at Low — or No — Cost

December 2016

LOOK AHEAD: The Vast Potential of Neuroimaging

Role of Imaging Accelerates at Summer Olympics

Radiology Salaries Show Steady Increase in 2015

RSNA Visiting Professors Leave Impact on Ghana, Mexico, Mongolia, Philippines

Ultrasound-guided Procedure Effective for Treating Plantar Fasciitis