

2013 State of the Department

It was my honor to present the 7th annual Emory Radiology State of the Department address on November 6th. An increasing challenge in preparing this address was allotting sufficient time to communicate all of the important advances and accomplishments that our departmental faculty, staff and trainees have garnered over the past year. Among the 2013 fiscal year highlights were the Gold Medal Award from the International Society for Magnetic Resonance in Medicine (ISMRM) to Tom Dixon, the launch of our new medical physics residency program, and the beautiful retirement reception for Bill Casarella, Chair Emeritus and Executive Associate Dean for Clinical Affairs at Grady. A new highlight of our annual faculty awards ceremony was bestowing our first Tracy Faber Memorial Award for Women in Imaging Science and Engineering to Viola Vaccarino. Also, our new staff award program has been rolled out.

Over the past year we worked in teams to assemble our new 5-year strategic plan. This plan -- which further emphasizes



On Wednesday, November 7th, Dr. Meltzer delivered her annual State of the Department Address to faculty and staff.

engagement and empowerment of our people, patient satisfaction, the synergistic role of imaging informatics across our missions, optimizing the distribution of our resources, and enhancing our quality through standardization of best practices – has entered the implementation phase. There will, no doubt, be lots of exciting developments ahead.

In the address, we also discussed the sobering realities of diminishing reimbursement and NIH funding and the national journey from a fee-for-service world to one in which we must focus on value delivery and improved outcomes. This will challenge us to be more efficient and eliminate waste wherever we can. If you have a story of how you and your colleagues have enhanced care delivery, the teaching experience, and/or innovation, please share it with me...and with all who may learn from your success.

Carolyn C. Meltzer, MD, FACR
Chair of Radiology and
Imaging Sciences



Each year Emory is strongly represented at the Radiological Society of North America (RSNA). Residents, fellows and faculty continue this tradition through their involvement in educational exhibits, scientific papers and course presentations at the 99th Annual Scientific Meeting.

The conference will be held the week following the Thanksgiving holiday, December 1st-6th.

Check out pages 6-10 for the RSNA presentation schedule and page 12 for details on the Annual Department of Radiology and Imaging Sciences Alumni Reception.



Approximately 114 faculty and staff attended the State of the Department Address. They listened attentively as Dr. Meltzer discussed monumental achievements and challenges within the last year.

Message From the Vice Chair for Research

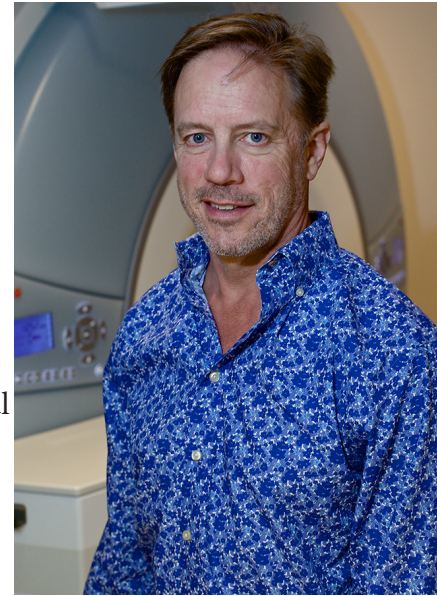
The Era of Patient-Centered Research

The national budget situation has created new challenges for investigators who depend on funds from the National Institutes of Health (NIH). Grant applications now have to score in the top 10% to receive funding and even then, the funding is likely to be at a lower level than in years past. One approach to dealing with increasingly competitive paylines is to write more grants to increase the probability of receiving a fundable score. Radiology investigators are submitting 11 applications for the October/November NIH deadlines. I applaud this effort and recognize and appreciate how dedicated our scientists are to finding ways to fund their research.

A new source of research funding is the Patient-Centered Outcomes Research Institute (PCORI), which was created by the Affordable Care Act. The purpose of PCORI, as stated on their website from the patient point of view, is to answer questions like, “how can clinicians and the care delivery systems they work in help me make the best decisions about my health and healthcare?” Patient-centered research considers an individual’s preferences, autonomy, and needs, and focuses on outcomes such as health-related quality of life. PCORI aims to reach these goals by including patients as partners in

research, not just as research subjects. Their applications require patients to be involved in all aspects of the proposed research from formulating the questions to analyzing the results.

Congress placed a high priority on patient-centered research as indicated by their budget. PCORI expects to award \$650M in grants in fiscal year 2014. For comparison, the National Cancer Institute is budgeting \$387M for new competing research projects. In alignment with the Emory Medicine goals, we need to support the development of patient-centered research, and continue to build on the beneficial interactions we have had with our Radiology Patient Family Advisor Council. We need to recruit patients who would like to be involved in generating questions that are important to them and performing studies to find the answers. We also need physicians and investigators who would like to design experiments that rigorously test these questions. Let me know if you would like to be a part of this exciting effort.



John Votaw, PhD, *Vice Chair for Research*

Awards & Recognition

Gold Medal Award



Patricia Hudgins, MD
Director of Head and Neck
Radiology and Imaging Sciences

The American Society of Head and Neck Radiology (ASHNR) Gold Medal Award Committee, chaired by Dr. C. Douglas Phillips, has selected Dr. Patricia Hudgins as this year’s Gold Medal Award recipient.

Hudgins has consistently extended herself beyond self-interest to make contributions that have benefited the field of neuroradiology. The Gold Medal is intended to foster the highest standards of the ASHNR, recognizing exceptional service and achievement. The Medal is awarded on the basis of both professional and personal excellence, honoring individuals who are superb neuroradiologists, scientists, and/or physicians, and who also are

truly outstanding people. In her acceptance speech at the award ceremony, Hudgins emphasized her clinical service and “putting the patient first” as her proudest accomplishments.

Hudgins is a recognized educator in the neuroradiology field, and lectures nationally, including at the American Institute of Radiologic Pathology (formerly AFIP). Hudgins has served as President of both the American Society of Neuroradiology and the ASHNR, and remains active in the ASNR, ASHNR, and RSNA.

In Hudgins’ 25 year academic career she has published over 100 peer-reviewed papers, multiple chapters, and has been a frequent presenter at major radiology meetings. She is interested in medical outreach efforts for local and international communities with limited healthcare resources. In this capacity, she has helped establish a Global Health Initiative in the Department of Radiology at Emory for Radiology attendings and residents.

Awards & Recognition

Radiology and Imaging Sciences Faculty Awards

The Department of Radiology and Imaging Sciences celebrated the Third Annual Faculty Awards ceremony on September 4, 2013. The ceremony recognized the faculty of Emory Radiology who demonstrated outstanding service, patient care, mentorship, research and leadership. With external reviewers from other institutions, the Awards committee was able to select eight winners out of numerous stellar nominees.



Junior Clinician Award
Nilesh Desai, MD



Senior Clinician Award
Walter Carpenter, PhD, MD



Rising Star
Adina Alazraki, MD



**Outstanding Service
Junior Award**
Ashley Aiken, MD



**Outstanding Service
Senior Award**
William Torres, MD



Outstanding Mentor Award
John Votaw, PhD



**Outstanding Young
Investigator Award**
Baowei Fei, PhD



**First Annual Tracy Faber Memorial
Award**
Viola Vaccarino, PhD, MD

2013 Faculty Award Winners

Awards & Recognition

Best Paper Award



Chad Holder, MD
Assistant Professor
Radiology and Imaging Sciences

Dr. Holder was awarded the Best Paper award at the 37th Annual Meeting of the Southeastern Neuroradiological Society (SENRS), for his lecture titled “Pseudoprogression in Glioblastoma – Clinical and Imaging Features”. Each year, the best papers from each of the three component societies of the American Society of Neuroradiology (ASNR) are presented in a joint session at the annual meeting of the ASNR.

Holder was also elected Vice President of the Southeastern Neuroradiological Society (SENRS) at the 37th Annual Meeting of the SENRS.

Best Paper Award



Courtney Moreno, MD
Assistant Professor
Radiology and Imaging Sciences

Dr. Courtney Moreno’s revised manuscript, titled “Variability of Multi-Detector CT Dose Due to Technologist Performance: Impact of PA vs AP localizer image and table height with use of Automated Tube Current Modulation”, has been accepted for publication in the American Journal of Roentgenology/AJRONline.org as an Original Research article.

Merrill’s Award Recipients

The Merrill’s Committee would like to acknowledge the August and September winners of the Merrill’s Award.

August



Janice Scott
Diagnostic
Supervisor
WW

September



Michael Panas
Diagnostic
Technologist
EP



Lauren Starks
Diagnostic
Supervisor
EUH

Professional Development Program Graduation

The Learning Services team of Emory University recently celebrated the Professional Development Program graduation. The graduation included four of our Radiology staff members. Administrative Assistants Ashley King and Tina Dawson graduated from the Administrative Professional Program. Season Lewis, Sr. HR Associate received her HR Rep 2 Certification and Melissa Bayliss, HR Specialist received her HR Rep 1 Certification. The goal of these programs is to challenge and stretch the participants to uncover their potential and begin the journey of professional enrichment at Emory. The Professional Development Programs include management development, administrative development and Human Resources certification. Congratulations!



Season Lewis, Senior Human Resource Associate and Melissa Bayliss, Human Resource Specialist proudly stand with their manager Vivian Smith, Director of Finance holding their certificates.



Administrative Assistants Ashley King and Tina Dawson were all smiles standing with their managers Willie Arnold and Greg Pennington on graduation day.

Awards & Recognition

Neurosonology Exam



Kimberly Wages, RT(R), RDMS
Radiology and Imaging Sciences

Kimberly is a sonographer at EUHM. She recently passed the American Registry for Diagnostic Medical Sonography's Neurosonology exam. Wages has been with Emory for seven years and is also registered in Abdominal, OB/GYN and Breast sonography

Bachelors of Science



Tina Dawson
Administrative Assistant
Radiology and Imaging Sciences

Tina Dawson recently received her Bachelor's Degree in Business Management from the University of Phoenix. Dawson currently supports the Cardiothoracic Division. She is excited to apply her new skills and knowledge to her current position.

Master in Business Administration



Willie Arnold, MBA
Radiology and Imaging Sciences

Willie Arnold recently received his Master of Business Administration from Shorter University. Arnold is Manager of Clinic Operations for the Department of Radiology and Imaging Sciences. He is also a Radiology Leadership Academy (RLA) Alum.



Neaji Kirk
Radiology Billing Services
Radiology and Imaging Sciences

Neaji Kirk recently received her Bachelor of Science in Healthcare Management from Herzing University. Kirk is a Patient Account Representative for the Department of Radiology and Imaging Sciences at Decatur Plaza.

Caught in the Act

During the months of September and October, a total of five accounts of service excellence were submitted and two individuals were selected for recognition by their peers and leaders.



Gloria Lewis
Nuclear Medicine Technologist

Gloria Lewis works at the front desk in Nuclear Medicine at Emory University Hospital (EUH). We received two accounts of service excellence from Gloria's peers. Gloria's colleagues both reported that Gloria regularly provides excellent services to our patients. We wish to thank Gloria for putting the patient first and consistently providing service excellence. To read more click [here](#).



Geo Eapen
Manager of Clinical Applications

One colleague of Geo Eapen reported that Geo came to the rescue on very short notice, and then went above and beyond the call of duty in order to provide some additional computer systems training for a new faculty member in our department. While this type of training is not a part of Geo's regular job responsibilities, he was willing to step in and help out in a pinch. To read more click [here](#).

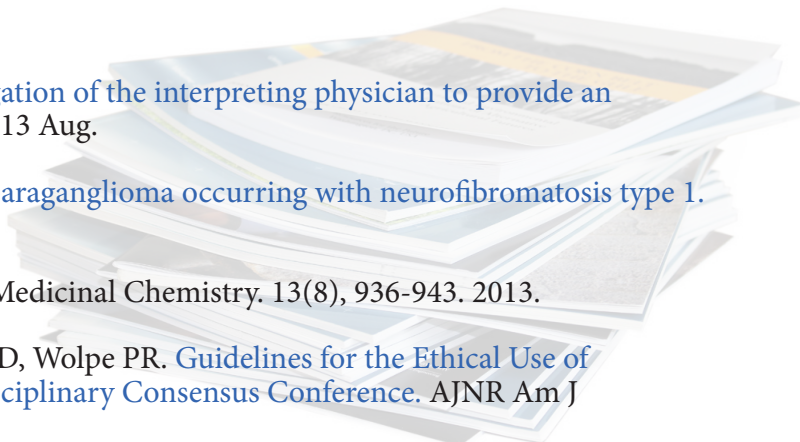
Publications

Barron BJ, Banja J. [Radiologic reporting: the ethical obligation of the interpreting physician to provide an accurate report](#). AJR Am J Roentgenol. 2013(2):356-60. 2013 Aug.

Harrison CE, Barron BJ. [MIBG superscan of metastatic paraganglioma occurring with neurofibromatosis type 1](#). Clin Nucl Med. 38(6):459-62. 2013 Jun.

Jarkas N. [Fluorinated Diaryl Sulfides](#). Current Topics in Medicinal Chemistry. 13(8), 936-943. 2013.

Meltzer CC, Sze G, Rommelfanger KS, Kinlaw K, Banja JD, Wolpe PR. [Guidelines for the Ethical Use of Neuroimages in Medical Testimony: Report of a Multidisciplinary Consensus Conference](#). AJNR Am J Neuroradiol. 2013 Aug 29.



Publications (cont'd)

Prajapati HJ, Rafi S, Edalat F, Kooby DA, Kim HS. *Safety and Efficacy of a Circumferential Clip-Based Vascular Closure Device in Cirrhotic and Coagulopathic Patients with Hepatocellular Carcinoma After Doxorubicin Drug-eluting Beads Transarterial Chemoembolization.* *Cardiovasc Intervent Radiol.* 2013 Aug 10.

Piccinelli M, Faber TL, Arepalli CD, Appia V, Vinten-Johansen J, Schmarkey SL, Folks RD, Garcia EV, Yezzi A. *Automatic detection of left and right ventricles from CTA enables efficient alignment of anatomy with myocardial perfusion data.* *J Nucl Cardiol.* 2013 Nov 2.

Saindane AM, Bruce BB, Riggeal BD, Newman NJ, Biousse V. *Association of MRI findings and visual outcome in idiopathic intracranial hypertension.* *AJR Am J Roentgenol.* 201(2):412-8. 2013 Aug.

Saindane AM, Mitchell BC, Kang J, Desai NK, Dehkharghani S. *Performance of spin-echo and gradient-echo T1-weighted sequences for evaluation of dural venous sinus thrombosis and stenosis.* *AJR Am J Roentgenol.* 201(1):162-9. 2013 Jul.

Schuster DM, Nieh PT, Jani AB, Amzat R, Bowman FD, Halkar RK, Master VA, Nye JA, Odewole OA, Osunkoya AO, Savir-Baruch B, Alaei-Taleghani P, Goodman MM. *Anti-3-[18F]FACBC PET-CT and 111In-capromab-pendetide SPECT-CT in Recurrent Prostate Carcinoma: Results of a Prospective Clinical Trial.* *J Urol.* 2013 Oct 18.

Smith AL, Freeman SM, Voll RJ, Young LJ, Goodman MM. *Investigation of an F-18 oxytocin receptor selective ligand via PET imaging.* *Bioorg Med Chem Lett.* 23(19):5415-20. 2013 Oct 1.

Webber GR, Baumgarten DA, Chen Z, Wang Z, Mullins ME. *A survey of diagnostic radiology residency program directors and the increasing demands of program leadership.* *J Am Coll Radiol.* 2013 Jul;10(7):523-6.

Vaphiades MS, Doyle J, Hudgins PA, Brat DJ. *Acute Monocular Visual Loss in an Elderly Woman: A Neuro-Ophthalmologic Emergency.* *J Neuroophthalmol.* 2013 Jun 20.

Xing M, Parker EI, Moreno-De-Luca A, Harmouche E, Terk MR. *Radiological and Clinical Characterization of the Lysosomal Storage Disorders: Non-Lipid Disorders.* *Br J Radiol.* 2013 Nov 14.

Medical Imaging Program

Volunteers for MedShare

MedShare is a nonprofit organization dedicated to improving health care through the recovery and redistribution of medical supplies and equipment to underserved health care facilities in developing countries. In many developing countries surgeons perform one-handed surgeries to save on gloves. That is where MedShare can help. By teaming up with hospitals and manufacturers MedShare also helps the environment by keeping these supplies out of landfills; an estimated 1.5 million pounds of medical surplus was diverted from landfills in 2012.

The Lambda Nu honor students and faculty of Emory's Medical Imaging program took time out of their schedules to volunteer at MedShare on Saturday, September 7, 2013. Senior students Janet Lewis, Chris Reed and MiJu Park and faculty members Ted Brzinski and Barbara Peck teamed with family members and Glenn Memorial UMC to sort through different types of needles and prepare them for shipping.

Shipments of medical supplies and equipment have brought healing and the promise of better lives to more than 95 countries and countless patients. MedShare is headquartered in Atlanta, Georgia. For more information on MedShare please visit www.medshare.org.



Medical Imaging students and faculty enjoying their time together while helping others around the world through MedShare. (Left to Right) Chris Reed, Barbara Peck, MiJu Park, Janet Lewis, Ted Brzinski.

Striving for Excellence

Faculty Excellence in Medical Imaging Program



Academic excellence for faculty members is an ongoing expectation of the Medical Imaging Program and requires the active participation of faculty members in scholarship, teaching and service.

Two specific areas in faculty excellence require that faculty members are:

- Committed to student achievement of learning outcomes; and
- Professionally active—in service to professional organizations, university and department committees.

The current Medical Imaging Program faculty includes Barbara Peck, Ted Brzinski, Kim Greenberg and Tiffany Whitley. These individuals constantly strive for excellence in all areas. Please see examples of our recent success below:

1. Students continue to surpass learning goals. Passing rates and average scores on the ARRT exam, as well as student employment rates,

continue to exceed program benchmarks. All faculty members share in this achievement.

2. Participation in professional organizations is at an all-time high. Barbara Peck was the 2012-2013 Member-at-Large for the Georgia Society of Radiologic Technologists (GSRT) and currently serves as its Fundraising Chairman. Ted Brzinski is currently the President of the Atlanta Society of Radiologic Technologists; he was also the 2012-2013 Chairman of the Georgia Educators Association (GEARMI), and serves as the Nominations Chairman for the GSRT.
3. Participation in departmental committees continues to increase. Kim Greenberg served on the inaugural Merrill's Committee and continues to serve on the CT Quality Committee. Ted Brzinski and Barbara Peck are representatives on the CR/DR Committee. Ted is also a facilitator for the Radiology Leadership Academy.
4. Faculty members continue to share their expertise via invited lectures. Kim Greenberg spoke twice at the 2013 American Society of Radiologic Technologists' Educational Symposium and at the 2013 GEARMI annual meeting. Barbara Peck was the keynote speaker at the 2013 Louisiana Society of Radiologic Technologists Annual Meeting.

Thanks to the dedication of our current program faculty, we are on the right path to academic excellence.

HR Tip

Did You Know...

If you were not able to make your Annual Enrollment changes during the open enrollment period, you **may** be able to make changes up until **December 31, 2013**. The Employee Retirement Income Security Act (ERISA) allows for changes to your pre-tax benefits up until the last day of the calendar year. **This applies to pre-tax benefits only.** Benefit plans that may be amended after the close of annual enrollment include:

- Health Insurance: (allowable changes)
 - Plan changes
 - Dependent covered under the plan (add/delete)
- Health Savings Account:
 - Enroll with change of health coverage to HSA plan
 - Modify current election for 2014
 - Cancel election with change to POS plan
- Flexible Spending Account
 - Enroll/modify election
 - Cancel election
- Dental Insurance (allowable changes)
 - Plan changes
 - Dependent covered under the plan (add/delete)

** All changes must be received by the Emory University/Emory Healthcare Benefits office by December 31, 2013 to allow changes

How do I make these changes?

Emory University Employees:

On December 12, 2013 the Benefits Department will send a notification email to all employees of their ability to make corrections to their 2014 Annual Enrollment elections. Employees will then contact benefits per the email instructions and their enrollment event will be opened for edits. Be sure to read your email communications from the Benefits Department and feel free to contact them at (404) 727-7613. Emory University Benefits Department is located at 1599 Clifton Road, 1st Floor.

Emory Healthcare Employees:

Submit a 2014 Enrollment/change form to the Employee Resource Center at:

EUH: 1364 Clifton Road, NE, 2nd Floor, D-wing
 EUH-M: 478 Peachtree St., W.W. Orr Building, 5th Floor
 WW: 1817 Clifton Road, Houston Building, 1st Floor

Season Lewis, Sr. HR Associate
 Melissa Bayliss, HR Specialist

RSNA Presentations

The 99th Scientific Assembly and Annual Meeting of the Radiological Society of North America will be held December 1-6, 2013 at McCormick Place in Chicago, Illinois. The RSNA received more than 12,000 scientific and education abstracts that the subcommittees of the Scientific Program Committee and Education Exhibits Committee reviewed. Below is a presentation schedule for the Department of Radiology and Imaging Sciences faculty and staff.

Sunday, December 1

<i>Time/Location</i>	<i>Title</i>	<i>Presenter</i>
10:45 - 10:55 S505AB	Scientific Paper Anti-3-[18F] FACBC PET Is Useful to Improve Salvage Radiotherapy Failure Rates in Recurrent Prostate Cancer	Oluwaseun Odewole, MBBS, MPH
2:00 - 3:30 N229	Refresher Course Clinically Focused Physics Education: Principles to Practice—Part A	Perry Sprawls, PhD
2:00 - 3:30 N229	Refresher Course Minicourse: Current Topics in Medical Physics—Clinically Focused Physics Education: Principles to Practice	Perry Sprawls, PhD
2:00 - 3:30 E451A	Refresher Course Orbital Inflammation	Ashley Aiken, MD

Monday, December 2

<i>Time/Location</i>	<i>Title</i>	<i>Presenter</i>
8:30 - 10:00 S105AB	Multisession Standards of Ethics in Practice: Evolution, Purpose, Structure, Compliance (Sponsored by the Associated Sciences Consortium) (An Interactive Session)	Richard Duszak JR., MD
8:30 - 10:00 E264	Refresher Course US-guided Interventional Breast Procedures (Hands-on Workshop)	Anna Holbrook, MD
10:40- 10:50 S102D	Scientific Paper Radiation Safety Knowledge and Perception among Residents: A Potential Improvement Opportunity for Graduate Medical Education in the United States	Gelareh Sadigh, MD
11:00 - 11:10 N226	Scientific Paper 2-hydroxyglutarate (2HG) Level Is Associated to Tumor Progression in Gliomas Carrying IDH Mutations	Minzhi Xing, MD
11:10 - 11:20 N226	Scientific Paper Development of an Unbiased, Semi-automated Method of Tumor Volume Segmentation Using Image Processing Software in Glioblastoma before and after Resection	Chad Holder, MD
1:30 - 3:00 S105AB	Multisession A Case Study Using the American College of Radiology Dose Index Registry	Brent Little, MD
1:30 - 3:00 S105AB	Multisession Going Beyond the Protocol: A Comprehensive Approach to Optimizing CT Dose and Quality	Phuong-Anh Duong, MD

RSNA Presentations (cont'd)

Monday, December 2

Time/Location	Title	Presenter
3:30- 6:00 S105AB	Multisession Cardiac CT Mentored Case Review: Part IV(In Conjunction with the North American Society for Cardiac Imaging) (An Interactive Session)	Arthur Stillman, MD, PhD
4:30 - 6:00 N228	Special Planning for the Future Radiology Workforce: Too Many or Too Few?	Carolyn Meltzer, MD and Mark Mullins, MD

Tuesday, December 3

Time/Location	Title	Presenter
8:30 - 10:00 E450B	Multisession Standards of Ethics in Practice: Evolution, Purpose, Structure, Compliance (Sponsored by the Associated Sciences Consortium) (An Interactive Session)	Richard Duszak Jr., MD
10:50 - 11:00 E450B	Scientific Paper Vertebral Biopsy in Patients with Suspected Osteomyelitis: Does It Change Management?	Minzhi Xing, MD
11:00 - 11:10 S505AB	Scientific Paper Diagnostic Performance of Synthetic Amino Acid Anti-3-[18F] FACBC PET in Recurrent Prostate Carcinoma Detection	Oluwaseun Odewole, MBBS, MPH
12:15 - 12:45 Lakeside Learning Center	Quality Story Board From Monologue to Dialogue: Using an Online Feedback Tool to Improve Image Quality through Enhanced Radiology-Technologist Communication	Katy Day, RT
12:15 - 12:45 Lakeside Learning Center	Quality Story Board The Benefits of Same-day Pre-exam Patient Education in Breast Imaging	Anna Holbrook, MD
12:15 - 12:45 Lakeside Learning Center	Scientific Poster Comparative Effectiveness of Contrast-enhanced CT versus Non-contrast Plus Contrast-enhanced CT in the Evaluation and Management of Patients with Hypervascular Liver Metastases: A Critically Appraised Topic	Gelareh Sadigh, MD
12:45 - 1:15 Lakeside Learning Center	Scientific Poster Development of a Database to Track Resident Dictation Volume and Automatically Tabulate ACGME Case and Procedure Logs across Multiple Hospitals at a Large Academic Program	Thomas Loehfelm, MD, PhD
1:30 - 3:00 S105AB	Multisession Improving Patient Experience Through Technology	Carolyn Meltzer, MD
3:10 - 3:20 S102D	Scientific Paper Comparative Effectiveness of Contrast-enhanced CT versus Non-contrast Plus Contrast-enhanced CT in the Evaluation and Management of Patients with Hypervascular Liver Metastases: A Critically Appraised Topic	Gelareh Sadigh, MD

RSNA Presentations (cont'd)

Tuesday, December 3

<i>Time/Location</i>	<i>Title</i>	<i>Presenter</i>
3:10 - 3:20 S403B	Scientific Paper Bipolar Contrasts Generated by Microbubbles in Grating-based X-ray Phase Contrast CT	Xiangyang Tang, PhD
4:30 - 6:00 N228	Refresher Course Cardiac PET Imaging: Perfusion and Viability	Fabio Esteves, MD

Wednesday, December 4

<i>Time/Location</i>	<i>Title</i>	<i>Presenter</i>
8:30 - 10:00 S403B	Refresher Course Managing Multiple Accountabilities	Carolyn Meltzer, MD
11:50 - 12:00 N229	Refresher Course Assessment of Breast Abscess Outcomes Following Ultrasound-guided Percutaneous Drainage	Christopher Ho, MD
3:10 - 3:20 N229	Scientific Paper High r1 Relaxivity Sub-5 nm Suprasmall Iron Oxide Nanoparticles (sSIOs) as Contrast Agent for MRI Angiography	Hui Mao, PhD

Thursday, December 5

<i>Time/Location</i>	<i>Title</i>	<i>Presenter</i>
8:30 - 10:00 S504AB	Refresher Course Health Policy Initiatives in Medical Imaging: Promoting Value and Relevancy in Evolving Healthcare Delivery and Payment Systems	Richard Duszak Jr., MD

Friday, December 6

<i>Time/Location</i>	<i>Title</i>	<i>Presenter</i>
8:30 - 10:00 S402AB	Refresher Course Bariatric Surgery I: Overview and Roux-En-Y Gastric Bypass	Courtney Coursey, MD
8:30 - 10:00 E353C	Refresher Course Thoracic Top 10 Countdown	Faisal Khosa, FFRRCSI, FRCPC
8:30 - 10:00 S504AB	Refresher Course Consumerism and Radiology	Richard Duszak Jr., MD
10:40 - 10:50 E350	Scientific Paper Radiology Milestones: A Multiyear Study of Resident Experience with Radiologic Procedures at a Large Academic Medical Center	Adam Prater, MD

RSNA Presentations (cont'd)

Educational Exhibits

Located In The Lakeside Learning Center

Professionalism Training for Radiology Residents- *Faramarz Edalat, MD*

'A to Z' of Adrenal Lesions: An Interactive Case Based Pictorial Review- *Kiran Maddu, MBBS*

MR Imaging Characteristics of Primary Liver Malignancies: A Practical Approach- *Ryan Peterson, MD*

From The Attic to the Basement: Indications, Caveats and Pitfalls Associated with MRI of Upper and Lower Urinary Tract Transitional Cell Carcinoma-*Ryan Peterson, MD*

The Black Plague of the Pelvis: Review of Endometriosis Imaging Findings and Radiologic-pathologic Correlation-*Anne Gill, MD*

A Practical Guide to the Not-So-Normal Uterine Fibroid Embolization- *Anne Gill, MD*

Hypervascular Liver Lesions Revisited: MR Imaging Characteristics and Differentiating Features from Hepatocellular Carcinoma- *Anne Gill, MD*

What Radiology Residents Need to Know about Dermoids: A Pictorial Essay of Dermoids in the CNS, Chest, Abdomen, and Pelvis-*Nicholas Henson, MD*

Syndromes with Gastrointestinal and/or Genitourinary Associations: A Comprehensive Imaging Review for Radiology Residents-*Nicholas Henson, MD*

Pictorial Essay of Sacral and Presacral Lesions- *April Farley, MD*

Another "Great Mimicker": FDG-PET/CT Imaging Findings of Sarcoid like Reaction- *Ayse Karagulle Kendi, MD*

Bronchiectasis: Mechanisms and Imaging Clues of Associated Common and Uncommon Diseases and Syndromes- *Bethany Milliron, MD*

FDG PET/CT Utility in Genitourinary Malignancies: A Comprehensive Review- *Bital Savir-Baruch, MD*

The Imaging Approach to Serum Tumor Markers: Correlation between Lab Values and Imaging Findings for Common Malignancies- *Eleza Golden, MD*

Vascular Conditions Presenting as Acute Abdomen - Imaging Review with Management Options- *Jignesh Shah, MD*

Role of Cross Sectional Imaging and Interventional Radiology in Diagnosis and Management of Renal Vascular Abnormalities- *Jignesh Shah, MD*

Objective Response Following Interventional Oncology Treatments: A Practical Approach to Apply Response Criteria through MR Imaging- *Juan Camacho*

Imaging Evolution: Magnetic Resonance Imaging of Inflammatory Bowel Disease and Its Various Complications- *Marae Shewmaker, MD*

Clinical and Imaging Features of Heterotopic Ossification and Myositis Ossificans Following Trauma to the Brain and Spinal Cord: A Pictorial Review- *Minzhi Xing, MD*

Hematospermia: Evaluation with Magnetic Resonance Imaging- *Pardeep Mittal, MD*

Testicular Tumors: What Radiologist Needs to Know-Differential Diagnosis, Staging and Management- *Pardeep Mittal, MD*

Mesenteric Neoplasms: MRI Characteristics, Histopathological Correlation and Differential Diagnosis- *Pardeep Mittal, MD*

MR Imaging Patterns of Cholangiocarcinoma and Post-intervention Features: A Case-based Approach- *Peter Harri, MD*

Autoimmune Pancreatitis, a Diagnostic Challenge: MR Imaging—A Problem Solving Tool with Histopathological Correlation- *Sajeev Ezhapilli, MBBS*

Primary Biliary Tract Malignancies: MRI Spectrum and Mimics with Histopathological Correlation- *Sajeev Ezhapilli, MBBS*

Spleen: The Forgotten Organ! Imaging Characteristics of Splenic Pathologies- *Sajeev Ezhapilli, MBBS*

Mapping the Future of Cardiac MRI—A Case-Based Review of T1 and T2 Mapping Techniques- *Scott Hamlin, MD*

MRI Characteristics of Paraduodenal Pancreatitis: A Diagnostic Challenge- *Thomas Loehfelm, MD, PhD*

Breast Imaging Radiologists' Opinions on Management of Breast Pain as a Sole Presenting Symptom- *Neil Shah, MD*

Yttrium-90 Radioembolization Therapy: A Systematic Pictorial Review Using SPECT-CT Integrated with Angiographic Images- *Hamilton- Reavey, MD*

Managing Breast Abscesses: What is the Radiologist's Role? - *Christopher Ho, MD*

My My My My My Seroma: The Role of the Radiologist in the Evaluation and Management of Postoperative Seromas of the Breast- *Rebecca Seidel, MD*

Florbetapir F-18 PET: A Review of the Concept, Protocol and Imaging- *Ivan Dequesada, MD*

Quality Corner

2013 EHC Quality Conference

Each year, Emory Healthcare demonstrates its commitment to quality by sponsoring the EHC Quality Conference. The conference provides a forum for faculty and staff to showcase their quality improvement work over the past year. This year the conference, entitled “Care Transformation: From the heart and from the head,” was held on October 30th, 2013. Attendees enjoyed feature presentations from inspirational speaker John O’Leary and Kevin Volpp, MD, PhD, behavioral economist and professor at the Perelman School of Medicine and Wharton School of the University of Pennsylvania.

As in years past, our Department of Radiology and Imaging Sciences had a strong presence at the conference, with 15 posters on display across three campuses (EUH, EUHM, and EJCH). Three of those posters were award winning and were on display at the main exhibit in Cox Hall.

Thank you to all who continue to work hard to improve the safety and quality of the care we deliver each day, and especially to those who submitted a poster to the conference this year. Congratulations to **Susan Reeder** and her team for receiving a “perfect score” award for their poster!

Posters from Radiology:

Implementation of an Electronic MRI Scanner QA Log Using REDCap

Amit Saindane, Archana Kudrimoti, Bobbie Burrow, Tracy Powell, Mary Davis, Tiffany Easter, Kimberly Applegate

Decreasing Non-Contrast Head CT Radiation Dose through Systems-Based Improvement

Riley Smyth, Maureen Graves, Amanda Corey

From Monologue to Dialogue: Using an Online Feedback Tool to Improve Image Quality through Enhanced Radiologist-Technologist Communication

Katy Day, Jack Talsma, Phuong-Anh Duong

EUHM Interventional Radiology Call to Order Standardization

Roger Williams, Nicole Franks, William Small, Fannie Harton, Michael Armstrong

Community Acquired Pneumonia Pathway (CAPP) Project

Mary Grace Albuna, Kimberly Applegate, James P Capes, Adam Coy, Jamluk-Omari Johnson, Matthew Keadey, Jessie Knighton, Waqas Shuaib, Ian Yancey

Pediatric Radiology Overnight Resident Discrepancies: Closing the Circle

Jonathan Loewen, Caroline Ejimofor, Brent Little

Workflow Redesign to Reduce Time Interval between Patient Check-In & First Needle Stick for Ultrasound-Guided Thyroid Needle Aspirations

Courtney Moreno, Claire Travis, Marilyn Dickerson, Bobbie Hollis, Michael Bowen, William Small, William Torres, Brenda Hall, Susan Reeder, Nicole Barrett, Yemi Ibraheem, Deborah Baumgarten, Fred Murphy

The Effectiveness of ASiR Implementation in Pediatric Body CT

Ellen Patrick, Stephen Simoneaux, Renee Ahmed

Pediatric Chest CT Angiography Vascular Opacification Quality Assessment

Ellen Patrick, Stephen Simoneaux, Renee Ahmed, Meryle Eklund

Change in Breast Center Workflow Improves Turnaround Time

Theresa Galus-Gurien, Melissa Gomez, Marsha Rezapour, Maria Piraner, Leonel Vasquez

Thoracentesis Tray Project - Cutting Costs

Kelby Mayfield, Maria Piraner

Improving EUHM Radiology Interdepartmental Patient Hand Offs

Susan Reeder, Cindy Gaskins, Paulette Jackson, Don Character, Michael Armstrong

Safe and Effective Performance of MRI in Patients with CIEDs


Amit Saindane, Pardeep Mittal, Michael Lloyd, Bobbie Burrow, Tracy Powell, Stamatios Lerakis, Sallie Gustafson, Tiffany Easter, Kimberly Applegate

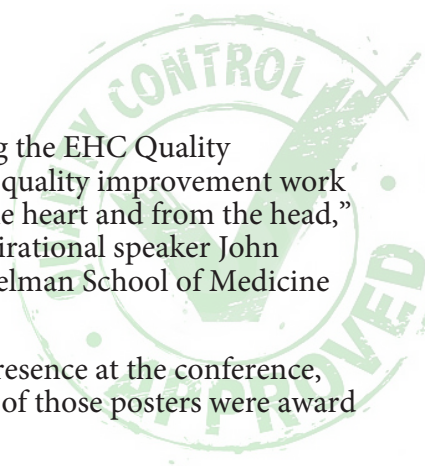
Improving the Rate of Response to Safety Events in Radiology

Bobbie Burrow, Debra Carter, Katy Day, Christian Elliott, Cindy Gaskins, Deb Smith, Steve St Louis, Cynthia Sutz, Delicia Votaw, Trecia Wertz

Interventional Radiology Pre-operative Gastrostomy Clinic

Kei Yamada, Darren Kies, Sean Dariushnia, Vijay Ramalingam, Kevin Kim, Joy Shaffers, Milan Mehta, Gail Peters, Irwin Best, Roger Williams, Tarak Patel, Lou Martin, Abdel Jaffan, Hilary Karp

 These three award-winning posters were on display in the main conference exhibit hall during the 2013 EHC Quality Conference.



Get Involved

Department of Radiology and Imaging Sciences Alumni Reception

All radiology professionals who have been touched by Emory during their career are invited to attend the Alumni Reception in Chicago, during the week of RSNA.

Monday, December 2, 2013
6:30 p.m. to 8:30 p.m.

The Ritz-Carlton Chicago
The Pearson Room (Located on the 12th Floor)
160 East Pearson Street
Chicago, IL 60611

The evening will include light hors d'oeuvres and an opportunity to network with your Emory colleagues. Please visit the current events page of the www.radiology.emory.edu website for all up-to-date information.

Please RSVP by November 22, 2013 to:
<https://emoryradiology.wufoo.com/forms/emory-radiology-alumni-reception/>

Questions? Contact Alaina Shapiro at abshapi@emory.edu

Department of Radiology and Imaging Sciences

Holiday Party

Friday, December 13, 2013

Time: 7:00 - 11:00 pm

World of Coke

121 Baker Street NW
Atlanta, GA 30313

Complimentary valet parking and coat check will be available at the front entrance of the facility. Each guest will receive two drink tickets upon check-in at the event. Additional drink tickets are available for purchase via credit card only. Hors d'oeuvres and desserts will be served throughout the venue.



Please RSVP by Friday, December 6, 2013 at

<https://emoryradiology.wufoo.com/forms/emory-radiology-holiday-party/>

For additional information, contact Alaina Shapiro at abshapi@emory.edu

October is the New Pink

The Department of Radiology and Imaging Sciences would like to extend a thank you to all faculty and staff who participated in Breast Cancer Awareness Month. There were many events throughout Emory Radiology locations during the month of October. The Breast Imaging Center staff participated in several marketing events, such as:

- Celebration of Living at the Roswell Presbyterian Church sponsored by the Winship Cancer Institute
- Pink Ribbon Walk at Piedmont Park sponsored by Rogsberg Phillips, MD
- Ralph Lauren Pink Pony event at Macy's at Lenox Mall
- Winship's 5K Race for the Cure participation as well as conducting a bake sale with all funds going towards a donation to Winship
- Children's Healthcare of Atlanta – Egleston, Scottish Rite and the corporate offices at Executive Park
- Emory University Hospital Breast Awareness table

The BIC staff provided informational brochures, self breast exam demonstrations, and reminded ladies to schedule

their annual mammogram appointments. Patients received goodie bags and participated in a drawing to receive one of 10 patient robes during the annual giveaway campaign. Also, Saint Joseph Hospital, Emory University Hospital and Emory University Midtown Hospital's Radiology Call Center staff sported pink clothing on October 25th and distributed informational packets at the Dine and Dash at Peachtree Center.

Thank you all for your teamwork and support during Breast Cancer Awareness Month.



Get Involved

Breast Cancer Awareness Month



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New Faces & Appointments



Sarah Milla, MD
Acting Associate Professor- Pediatric Radiology

Prior to joining the Department of Radiology and Imaging Sciences, Dr. Milla was an Assistant Professor for Pediatric Radiology and Neuroradiology Divisions at New York University Langone Medical Center.

Dr. Milla's most recent publication entitled, "Diffusional Kurtosis Imaging of the Developing Brain", was published in AJNR. Her research interests include brain development and malformation, body MRI and tumor imaging.

Dr. Milla earned her medical degree from Duke University School of Medicine. She completed her residency at New York Presbyterian Hospital- Weill Cornell Medical Center, followed by a pediatric radiology fellowship with Children's Hospital of Boston.



Anamaria Orza
Postdoctoral Researcher

Anamaria Orza received her PhD in Organic Chemistry from Babes Bolyai University, Romania in collaboration with Liverpool University, United Kingdom. Prior to Emory she was a postdoctoral researcher at the Center for Integrative Nanotechnologies Sciences at University of Arkansas at Little Rock. Orza's area of focus is developing innovative architectural nano composites for cancer treatment and diagnosis.



Gerarda Sanchez
Physician Assistant- Interventional Radiology

Gerarda Sanchez joins us from St. Joseph's Vascular Surgery Division. She has several years of experience as a Physician Assistant in Vascular Surgery and Thoracic Surgery. Sanchez received her Bachelor of Science in Biochemistry from the City College of New York.

Radiology Calendar

Click here to see the schedule for:
Grand Rounds
RIPS
Radiology Events

Updates from Imaging Applications Support (IAS)

PowerScribe 360 Tips & Tricks

Addendum Issue:

Patient Information "Unknown" workflow:

1. Start Addendum from RadNet – get error "Unknown" patient information
2. Associate order, by selecting order type- CHOOSE THE CLOSEST PROCEDURE MATCH
3. Dictate the addendum
4. Sign or approve (report will be in Addendum status in RadNet)
5. IAS team member will forward to Cerner
 - Reset to Final
6. IAS team member will copy/paste the addendum from PS360 to RadTranscription.
 - Attending will see the addendum in the RadNet signout queue, and will need to sign again.
 - The Attending will sign again. From within the signout queue tab, click Accept and Submit.

DO's and DON'Ts when creating templates:

1. DO NOT use numbers or symbols of any kind when naming a template.
2. DO NOT use the ampersand within the body of the report.
3. DO when naming a template capitalize all acronyms (ex CT), and lowercase for words (ex. CT chest without).
4. DO use the "Fill in" button to add brackets (button is located on the AutoText Manager screen in the toolbar).

"Reject" button:

***REJECT SHOULD ONLY BE USED FOR RESIDENT CORRECTION TO REPORTS (not for changing incorrect attending)

"Discard" button:

The discard button can be used to delete a report, if you have not selected Draft, Sign or Approve.

"Draft" button:

Save and close the report.



Click here and subscribe to the Rad Report! Look for the Rad Report to be in January 2014.

If you have an idea for a story or would like to submit an article, you can become involved with the Rad Report by sending an e-mail to Camille Dingle, Communications Specialist at cdingle@emory.edu. When submitting content for consideration, please copy your supervisor, manager or director. Also, if you would like additional information regarding communications in the Department of Radiology and Imaging Sciences please visit the [Media Services and Communications webpage](#) on the radiology intranet.