

# EMORY RadReport

It's what's on the inside that counts!

November, 2010

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If you would like to discuss a project with Eric Jablonowski, Director of Media Services, you may contact him at 404-778-3743 or through e-mail at [eric.jablon@emory.edu](mailto:eric.jablon@emory.edu).

## Renovation Update

Radiology continues to renovate throughout to meet the needs of our faculty, staff and patients. Over the last eight months we have made renovations and completed construction at several sites.

At **Emory University Hospital (EUH)** the department was given a bit of a face lift over these past few months. Halls where our patients and visitors interact with us, particularly our reception area received new flooring, light fixtures, ceiling tiles and wall coverings. Next the Nuclear Medicine waiting area is scheduled for this same treatment. Patients are also enjoying the new location of our completely renovated Pre-Procedure Care Area (PPCA). In the same neighborhood, the MRI patient pre-procedure and changing areas have been put in place. Other changes that are visible to our patients include the addition of a



New patient changing rooms and a pre-procedure area were added to the MRI suite.



Staff are enjoying the completed updates to the break room at EUH.

joint control room for the fluoro rooms where the dark room was formerly. This change has cleared the corridor to allow space for our inpatients and emergency patients to have a designated area, away from our outpatient waiting area.

Our faculty and staff are enjoying several new Interventional Radiology (IR) rooms and Ultrasound is using a new iU22 from Philips. The break room received a significant renovation too. The bathrooms are now separate from the break room and accessible from the hallway. New tables, chairs, and a counter-top allow for expanded seating.

Renovations to the reading room at **Emory University Hospital Midtown (EUHM)** have made space to accommodate the new reading stations from the PET/CT plus the transition to GE PACS. The newly established Emergency Radiology Division has been allotted a reading room and office space along the corridor from Radiology to the Emergency Department. On October 11, Nuclear Medicine began renovation to make room for a new SPECT/CT, which



The renovated EUH patient reception area is more welcoming for our patients.

is expected to be operational in May. Ultrasound has replaced older units with Philips iU22 units.

**Emory University Orthopaedic and Spine Hospital (EUOSH)** is in the process of installing a Uninterruptable Power Source (UPS) for the MRI scanner. This improvement will solve the power fluctuation problem that has interfered with quality and the operation of the scanner.

A generous donation has provided Wesley Woods with a bone density unit, which is in the process of being installed. This location will also switch out a four-slice CT scanner for an eight-slice CT scanner formerly used at EUH.

These improvements are driven by our commitment to offer quality service to our patients and to provide our staff and faculty with the tools needed to deliver this service. Continual advancements in medicine require this be an ongoing process. Our future plans include beginning construction this month at EUH to add a third MRI scanner at EUH. This will enable us to expand the number and type of invasive procedures using MR guidance.

- Dale Walker  
Director of Strategic Initiatives

## LETTER FROM THE CHAIR

Dear Colleagues,

The RSNA is coming up and it looks like we will be busy once again with many presentations and activities. This annual ritual for the radiology professional is one that can fill one with both the excitement of seeing old friends and colleagues, and all that is new in the field, and the dread of the crowds and lines – from McCormick Place to Michigan Avenue. I have been going for nearly 20 years, without missing one, and still look forward to it. If you will be there, don't forget the Monday evening Emory Alumni Reception at the intercontinental Hotel.

I would like to take this opportunity to thank all of our wonderful technologists for their many contributions to our department and our patients. During National Radiologic Technology Week (Nov. 7-13), we formally recognize what we appreciate year-round.

As of November 1, we have begun a transition of how our radiology practice is led and administered at Emory Johns Creek Hospital and beyond in the community setting. Our new division, Community Radiology Specialists, will comprise new leadership in

Leonel Vasquez, MD (who also serves as director of Breast Imaging at Emory University Hospital Midtown). The transition team includes Drs. Doug Yim, Milan Mehta, Sherif Nour, Mike Osipow, Courtney Coursey, Jason Weiden, Linton Eberhardt, Ryan Christie, Brannan Hatfield, and David Schuster. Over the next few months, we will open a new outpatient imaging center in Buford to further enhance our Emory community-based imaging activities.

The first Fall Golf/Picnic Family Outing for Residents,



Fellows, and Faculty at Stone Mountain was great fun, so it looks like we will have to make it an annual event. Thanks to Ali and Todd for the special "organ"ic radiology tee-shirt!

Best to all,

Carolyn C. Meltzer, MD, FACR  
Chair of Radiology

## MESSAGE FROM THE VICE CHAIR FOR RESEARCH

### One Year on the Job

A little over one year ago I assumed the role of Vice Chair for Research. I often feel like I was chosen to replace the coach who built the championship team but for some reason had to go. The strategic plan was in place and we were well on our way to reaching the top 20 in NIH ranking. We happened to reach our goal in my first year but all credit is due to the plan and environment Dr. Meltzer had put in place.

My initial priority was to make conducting science easier for scientists. One thing that has greatly increased in the last several years is the effort needed to comply with regulations. There are new university wide accounting and auditing systems, required approvals, greater scrutiny of contracts, and additional forms and requirements when applying for grant funding. To help in these areas, we have organized the research project coordinators, accountants, and nursing support to take the burden away from the scientists. Please don't try to navigate these waters for the first time on your own. Contact me, Mariana Teodorescu, Linda Burr, or Angie Williams and let us help with the administrative aspects of your grants, contracts and scientific projects. The 2010-14 research strategic plan of

the School of Medicine is built around three themes: create, advance, inspire. I believe that these goals can only be met by creating a fertile environment through promoting interaction between scientists of all disciplines. All of us are scientists – it is why we are working at an academic university. Being associated with new discoveries, learning about the latest advances first, and leading the state-of-the-art is exciting! Clinicians, seek out researchers to let them know about areas where advancement is needed to better treat the patients you see. Researchers, inform clinicians about new techniques and jointly explore ways to improve the health of our patients. Researchers and clinicians reach out to the technologists – they are the ones closest to the patients. Everyone, work with staff to create efficient and effective procedures. We are all on the same team – some provide capabilities, some provide purpose. Embrace your teammates.

My priority for the coming year(s) is to create an environment where anyone can be a scientist. We welcome and encourage inquiry. This includes everything from the big to the small. What expertise should we add to our department? Should we strengthen certain areas? Or is there a key enabling

technology that we should pursue? These questions represent the big scale and I welcome your ideas. Not losing sight of the small scale is also important. Streamlining clinical trials, rapid reconciling of your accounts, easy and accurate billing of research studies, and effectively managing contracts as they work through our legal system are areas I am currently working on. I welcome ideas to help in the small areas too.

I am a strong advocate of following the unifying philosophy espoused by President Wagner in his recent State-of-the-University address. He said to build bridges between schools and units, and take better advantage of our opportunity to be a 'uni-versity' and not merely a 'multi-university'. Let's take it down a level and build bridges between our support staff and scientists, between our researchers and technologists, between our clinicians and researchers. I am looking forward to the coming years with fascination to see what they bring.

Stop by and see me to share your ideas.

Sincerely,

- John Votaw, PhD,  
Vice Chair for Research



## AWARDS & RECOGNITION

### Perry Sprawls, PhD

Emeritus Professor of Radiology – EUH

#### Award for Excellence in Educational Innovation from the American Association of Physicists in Medicine (AAPM)

Perry Sprawls, Ph.D., Emeritus Professor of Radiology, at Emory University received the annual Award for Excellence in Educational Innovation from the American Association of Physicists in Medicine (AAPM) at the recent meeting in Philadelphia.



The award was for Dr. Sprawls' work on *Collaborative Teaching: A model for Enriching the Medical Physics Learning Environment*.

The concept of Collaborative Teaching, as developed and practiced by Dr. Sprawls, brings together a senior and highly experienced educator with an extensive network of educators teaching in classrooms and conferences all over the world in a collaborative effort to provide highly effective learning, especially in the field of medical imaging and radiology.

The role of the senior educator is to translate their many years of professional experience into educational resources, especially high-quality visuals, which can then be used in class and conference rooms anywhere in the world.

The role of the many local educators is to use the resources and guide the learning process and adding their own knowledge and experience, especially as it applies to their local educational needs. The goal of this collaborative model is to enrich the classroom teaching with resources based on experience that is not always available locally.

Dr. Sprawls, who joined the Emory faculty 50 years ago, has translated much of his extensive experience in medical imaging into educational resources that are available at no cost on the web at <http://www.sprawls.org/resources>. In a typical week these resources are used by several thousand educators and students in over 80 different countries.



### Rashad Grant, RT (R)(CT)

Radiologic Technologist – EUH

#### American Registry of Radiologic Technologist (ARRT) Certification

The ARRT Examination in Computed Tomography assesses the knowledge and cognitive skills underlying the intelligent performance of the tasks typically required of staff technologists practicing in this specialized area.

## GRANT AWARDS

### RESCUE: Randomized Evaluation of Patients with Stable Angina Comparing Utilization

#### Principal Investigators:

Arthur Stillman, MD, PhD

#### Co-Investigator:

Pamela K. Woodard, MD  
Udo Hoffmann, MD, MPH

James E. Udelson, MD, FACC  
Constantine Gatsonis, PhD

Tao Liu, PhD  
Ilana Gareen, PhD

**Funding Organization:** Agency for Healthcare Research and Quality (AHRQ)

**Significance:** RESCUE, the Randomized Evaluation of Patients with Stable Angina Comparing Utilization of Noninvasive Examinations is a multi-center randomized, controlled trial comparing coronary CT angiography (CCTA) and single photon emission tomography myocardial perfusion imaging (SPECT-MPI) integrated into a stable angina care paradigm featuring optimized medical therapy for patients diagnosed with CAD without significant disease

in the left main coronary artery. Patients will be followed for a composite endpoint of major adverse cardiac events (MACE) and revascularization over a 12-24 month period. Several comparative effectiveness analyses will be performed. We hypothesize that the CCTA arm will be associated with no increase in major coronary events (MACE) or revascularization, decreased cost and increased cost-effectiveness in comparison to SPECT-MPI. Findings are expected to result in validation of an evolving new standard of care for patients with stable angina that takes advantage of CCTA to more cost effectively drive appropriate care.

## CHECK IT OUT

**Bonta DV**, RL Wahl. **Overcorrection of Iodinated Contrast in SPECT-CT: Phantom Studies.** *Medical Physics*. 37(9); 4897-4901.

**Kim JJ**, Dillon WP, Glastonbury CM, **Provenzale JM**, Wintermark M. **Sixty-four-section multidetector CT angiography of carotid arteries: a systematic analysis of image quality and artifacts.** *AJNR Am J Neuroradiol*. 2010; 31:91-99.

Jarkas N, Voll RJ, Williams L, Camp VM, and Goodman MM. **R,S-Anti- 1-Amino-2-[18F]Fluorocyclopentyl-1-Carboxylic Acid: Synthesis from Racemic 2-Benzoyloxycyclopentanone and Biological Evaluation for Brain Tumor Imaging with Positron Emission Tomography.** *Journal of Medicinal Chemistry*. 2010; 53: 6603-6607.

Rao L, Tiller C, Coates C, Kimmel R, Applegate KE, Granroth-Cook J, Denski C, Nguyen J, Yu Z, Hoffman E, Tepper RS. **Lung growth in infants and toddlers assessed by multi-slice computed tomography.** *Acad Radiol*. 2010 Sep; 17(9): 1128-35. Epub 2010 Jun 14.

# RSNA 2010

## Emory at RSNA

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 96<sup>th</sup> Annual Scientific Meeting.

The conference will be held the week following the Thanksgiving Holiday, November 28 - December 3.

Please take a moment to recognize those who, through hard work and dedication, have been invited to share their knowledge as experts of radiology.

## ANNUAL EMORY RADIOLOGY 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, November 29, 2010  
6:30 p.m. to 8:30 p.m.

InterContinental Chicago Hotel  
Camelot Ballroom  
505 North Michigan Avenue  
Chicago, IL 60611

The evening will include light hors d'oeuvres and an opportunity touch base with your Emory colleagues. Please visit the Current Events page of the [radiology.emory.edu](http://radiology.emory.edu) website for all up-to-date information.

Please RSVP by November 19, 2010 to Laura Padgett:  
[Laura.Padgett@emoryhealthcare.org](mailto:Laura.Padgett@emoryhealthcare.org)  
or 404.712.5422

## RSNA Presentations

Saturday	Time	Location	Type	Title	Directors
	1:00 - 5:00	McCormick Place	Special Focus Session	What it Takes to be an Expert Reviewer for the NIH - the Peer Review Process Demystified	E Krupinski & CC Meltzer

This workshop will provide attendees with a better understanding of the review process from the perspective of those who have served on review committees in order to better prepare them for submitting proposals and to encourage them to serve as reviewers. Contact/RSVP: Virginia Lathrop, vlathrop@acadrad.org or 202-347-5872

Sunday	Time	Location	Type	Title	Presenter(s)
	11:25 - 11:35	E350	Scientific Paper	Out-Patient Transcatheter Chemoembolization (TACE) with Drug Eluted Bead (DEB) for Unresectable Hepatocellular Carcinoma: Feasibility and Safety	H Prajapati, S Rafi, B El-Rayes, J Kauh, D Kooby, H Kim
	12:30 - 1:00	Lakeside Learning Center	Scientific Poster	SESSION: Genitourinary-Obstetrics/Gynecology - Quantitative Analysis and Follow-up of Individual Kidney Structure and Function in Living Renal Donors and Respective Recipients, before and after Transplantation	C Lurie Abstract Co-Authors: K Salman, BKalb, J Votaw, D Martin
12:30 - 1:00	Lakeside Learning Center	Scientific Poster	SESSION: Nuclear Medicine	P Lewis, W Fajman	

Monday	Time	Location	Type	Title	Presenter(s)
	10:30 - Noon	S504AB	Scientific Paper	SESSION: Cardiac (Cardiac CT: Lesion and Plaque Detection)	UJ Schoepf, J Jacobs, A Stillman
	12:15 - 1:15	Lakeside Learning Center	Scientific Poster	Radiology Podcasting and iTunes U	J Patel Abstract Co-Authors: Z Momin, B Baumgartner, E Jablonowski
	12:45 - 1:15	Lakeside Learning Center	Scientific Poster	SESSION: Cardiac - Effect of Heart Rate, Coronary Artery Displacement, and Vessel Trajectory on CT Coronary Calcium Score: A Dynamic Phantom Study	C Arepalli Abstract Co-Authors: STigges, S Tridandapani, J Oshinski, A Stillman, C Kurz
3:30 - 6:00	S406A	Multisession Courses	Cardiac CT Mentored Case Review: Part IV (In conjunction with the North American Society for Cardiac Imaging)	A Stillman, J Jacobs	

Tuesday	Time	Location	Type	Title	Presenter(s)
	8:30 - 10:00	E353C	Refresher/ Informatics	SESSION: Easily Missed Findings in Emergency Radiology: Emergency Neuroimaging (Head and Neck) (An Interactive Session) - Brain	J Provenzale, P Kranz
	8:30 - 10:00	S102C	Refresher/ Informatics	SESSION: Update Course in Diagnostic Radiology Physics: Advances in Digital Tomosynthesis—From Physics to Clinical Application: Optimization - Radiation Dosimetry in Tomosynthesis Imaging of the Breast	I Sechopoulos
	10:30 - Noon	E451B	Scientific Paper	SESSION: ISP: Gastrointestinal (Quantitative Imaging: Tumor Physiology and Follow-up)	D Sahani, K Sandrasegaran, W Torres
	10:50 - 11:00	S504CD	Scientific Paper	SESSION: Molecular Imaging (Applications III) - Development of Novel Small Molecule F-18 Labeled CXCR4 PET Tracer for Head and Neck Cancer	H Shim Abstract Co-Authors: A Zhu, Y Yoon, Z Liang, R Voll, M Goodman
	12:15 - 12:45	Lakeside Learning Center	Scientific Posters	SESSION: Emergency Radiology - Blast and Ballistic Trajectory Analysis in Combat Casualties Using the Anatomic Positioning System with MDCT	P Shogan Abstract Co-Authors: T Fischer, L Folio, M Frew, J Provenzale, R Bunker, A Dwyer
	4:30 - 6:00	264	Refresher/ Informatics	US-guided Interventional Breast Procedures (Hands-on Workshop)	E Levin, R Brem, C D'Orsi, W Evans, B Fornage, L Philpotts, W Poller, M Mahoney, S Destounis, M Szabunio, P Slanetz, V Miller, J Spigel
4:30 - 6:00	S504AB	Refresher/ Informatics	Advances and Updates in Gastrointestinal and Genitourinary Nuclear Medicine	H Ziessman, R Halkar	

## RSNA 2010

Wednesday

Time	Location	Type	Title	Presenter(s)
10:30 - Noon	S502AB	Scientific Paper	SESSION: Cardiac (Aortic Valve and Aortic Root)	G Reddy, <b>A Stillman</b> , W Stanford
Noon - 1:00	S103D	AAWR President's Luncheon	Meet the Leaders in Radiology	LL Farjardo, <b>CC Meltzer</b>
12:15 - 1:15	Lakeside Learning Center	Scientific Paper	SESSION: Neuroradiology	<b>M Mullins</b>
3:20 - 3:30	N226	Scientific Paper	SESSION: Neuroradiology/Head and Neck (Interventional and Neck Biopsy) - Near Infrared Optical Imaging Guidance of Tumor Margin Resection for Infiltrating Head and Neck Cancer	<b>H Shim</b> Abstract Co-Authors: Y Yoon, A Mohs, M Mancini, S Nie
3:00 - 3:10	S504AB	Scientific Paper	SESSION: Cardiac (CT/MR Imaging: Clinical Scenarios) - Incidental Pulmonary Nodules Detected on Cardiac CTA in the Setting of Non-acute Suspected or Known CAD: Projected Number, Cost, and Increased Radiation Dose	J Chung Abstract Co-Authors: E Siegel, A El-Sherief, <b>B Little</b> , CA Rojas, S Abbara, Q Truong, U Hoffmann

Thursday

Time	Location	Type	Title	Presenter(s)
8:30 - 10:00	S404AB	Refresher/ Informatics	SESSION: Neurologic Imaging in the Era of Molecular Medicine - Uses of Nanoparticles for Central Nervous System Imaging and Therapy	<b>J Provenzale</b>
8:30 - 10:00	S402AB	Refresher/ Informatics	SESSION: Update Course in Diagnostic Radiology: Gastrointestinal—Acute Abdomen (An Interactive Session) - Acute and Chronic Conditions Related to Gallstones	<b>W Small</b>
10:30 - 10:40	Arie Crown Theater	Scientific Paper	ISP: Breast Imaging (Tomosynthesis and Digital Mammography) - Breast Keynote Speaker: Increasing the Specificity of Mammography	<b>C D'Orsi</b>
10:30 - Noon	E351	Scientific Paper	ISP: Genitourinary (Kidney II)	M Tublin, <b>D Baumgarten</b>
10:30 - Noon	N228	Scientific Paper	SESSION: Neuroradiology (Vascular and Perfusion Imaging)	<b>M Mullins</b> , P Schaefer
10:50 - 11:00	N229	Scientific Paper	SESSION: ISP: Neuroradiology (Alzheimer Disease) - White Matter Hyperintensities and Changes in White Matter Integrity in Patients with Alzheimer's Disease	<b>L Wang</b> Abstract Co-Authors: F Goldstein, <b>C Meltzer</b> , <b>H Mao</b>
11:00 - 11:10	S402AB	Scientific Paper	SESSION: Informatics (Education and Research Infrastructure) - Coordination of Multicenter Image Evaluation Using Open Source Tools and the Annotation and Imaging Markup (AIM) Data Service	A Flanders Abstract Co-Authors: J Freymann, J Kirby, M Wintermark, D Hammoud, <b>CHolder</b>
11:20 - 11:40	S502AB	Multisession Courses	SESSION: Cardiac Series: Outcomes Research - Comparative Effectiveness of CCTA Trials	<b>A Stillman</b>
12:15 - 12:45	Lakeside Learning Center	Scientific Poster	SESSION: Vascular/Interventional - Safety and Efficacy of Arterial Closure Device in Interventional Oncology	<b>H Prajapati</b> , S Rafi, D Kooby, J Kauh, B El-Rayes, <b>H Kim</b>
12:15 - 1:15	Lakeside Learning Center	Scientific Poster	Genitourinary-Obstetrics/Gynecology	<b>D Baumgarten</b>
4:30 - 6:00	N226	Refresher/ Informatics	Genitourinary Emergencies: Case-based Approach (An Interactive Session)	P Ramchandani, <b>D Baumgarten</b> , E Lazarus
4:30 - 6:00	S504CD	Refresher/ Informatics	Models and Methods for Effective and Efficient Medical Imaging: Science and Technology Education	<b>P Sprawls</b> , D Monticciolo

Friday

Time	Location	Type	Title	Presenter(s)
10:30 - Noon	E450B	Scientific Paper	SESSION: Breast Imaging (Multimodality and Other)	<b>M Cohen</b> , J Harvey

## Educational Exhibits

Located In The Lakeside Learning Center, Hall D; South Building, Hall A; and North Building, Hall B  
Sunday – Wednesday ~ 10:00 am – 5:00 pm; Thursday ~ 10:00 am – 2:00 pm

Title	Presenter(s) ~ Co-Author(s)
3 T Bowel MR Imaging in Pediatric Inflammatory Bowel Disease: Techniques, Challenges, and Clinical Applications	U Udayasankar ~ K Braithwaite, A Alazraki
RADSHARE: A Multiinstitutional Collaborative Web-based Educational Project for Promoting Radiology Resident Education	AD Llave, JR Fielding, LA Dettie, BM McCook, A Krishnaraj, M Neely, G Choy, P Bhargava, G Scuderi, MP Federle, JD Chertoff, KE Applegate, B Huang, G Wallace, AB Watson, BP Wood, GP Reddy, AM Paladin, MR Bell
Evaluating the Neck with Ultrasound in Patient's Status Post-Thyroidectomy for Thyroid Cancer	A Datir ~ D Baumgarten
Gastrointestinal Stromal Tumors (GIST): A Pictorial Review	A Datir ~ P Mittal, D Baumgarten
Named Fractures in Radiology: A Pictorial and Historical Review	M Collins ~ J Patel, N Patel, W Carpenter
Testicular Tumors Diagnosed at Scrotal Ultrasound: Imaging with Gross Pathology and Histology Correlation	C Coursey ~ P Mittal, M Lewis
MDCT of Solid Organ Trauma in the Abdomen and Pelvis	A Doshi ~ C Coursey, P Mittal
BI-RADS Tutor®: CAD-based Advanced Electronic Teaching File for BI-RADS Training in Assessment and Breast US Reporting	M Galperin ~ MI Andre, B Goldberg, C D'Orsi, H Ojeda-Fournier, MD, L Olson, C Comstock
Interactive Breast Radiology-Pathology Biopsy Case Review: Management—Is It Concordant?	J Gillis ~ C Ho, K Atkins, J Harvey, B Nicholson
MR Imaging and Ultrasound Imaging of Dermal Allografts Used for Irreparable Rotator Cuff Tears: Initial Experience	V Moncayo ~ S Karas, C Pierre-Jerome, A Kakarala, M Terk
Tracheoesophageal Fistulas: A Multimodality Review of Imaging Findings with Emphasis on CT	B Little ~ A El-Sherief, C Wu, M Lanuti, J Shepard, S Digumarthy
The Basics of Cardiopulmonary Bypass (CPB): Normal and Abnormal Postoperative Appearances and Interpretation Pitfalls with Correlation to Surgical Technique	A El-Sherief ~ C Wu, A Cheng, B Little, S Abbara

# IN THE KNOW

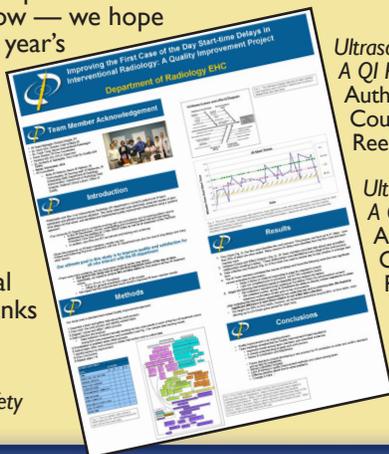
## Quality Corner

### The 2010 EHC Quality Conference – Teamwork: Translating Knowledge into Action.

On October 21, Emory Healthcare sponsored the annual quality conference with an invited guest speaker, Dr. Roger Resar, “a renowned quality expert who focuses on training teams on how to design reliability into processes, and Afterburner, a team of former U.S. Air Force fighter pilots who train organizations on flawless execution and taking teamwork to a higher level.” What the day also provided was the opportunity for each department to display posters of their quality and performance improvement projects over the past year. The EHC Department of Radiology submitted 7 of the 55 total posters this year — representing 15% of the submissions -- and received 4 awards — an excellent demonstration of our commitment to improve the quality of care for our patients. The posters and the people involved are listed below — we hope to see even more posters at next year’s conference!

This is only a sample of the work we are all engaged in to achieve the 4 big goals of our quality strategic plan: (1) Foster a culture of quality, (2) Enhance Patient Satisfaction, (3) Standardize Work Processes, and (4) Improve Clinical Quality and Safety Outcomes. Thanks to you all for making it happen.

- Kimberly Applegate  
Vice Chair for Quality & Safety



#### Radiology Department Submitted Posters:

*Decreasing Turn Around Time for Constrained Abdominal Exams*  
Authors: Barnes C, Knighton J, Tannir H, Wright R,  
CT Department \*Award: **Process Improvement Tools**

*Improving Patient Satisfaction at The Emory Clinic Radiology*  
Authors: Barnes C, Hwang S, Smith V, Vitali J, Tannir H  
\*Award: **Use of Data & Measurement**

*Improving the First Case of the Day Start-time Delays in Interventional Radiology: A Quality Improvement Project*  
Authors: Applegate K, Kim HK, Kinney E, Shewmaker MB,  
Tannir H, Wright R \*Award: **Process Improvement Tools**

*Turn Around Time Patrol*  
Authors: Arnold W, Barnes C, Crawley D, McGlathery K,  
Miller D, Salama M, Tannir H, Wright R, Imaging App Service Team  
\*Award: **Aim Statement**

*Ultrasound of Lower Extremity Veins for DVT: A QI Project to Standardize Vein Labeling*  
Authors: Applegate K, Barrett N, Baumgarten D,  
Coursey C, Dickerson M, Gunsby L, Ibraheem Y,  
Reeder S

*Ultrasound Reporting of Lower Extremity Veins for DVT: A QI project to standardize language*  
Authors: Applegate K, Barrett N, Baumgarten D,  
Coursey C, Dickerson M, Gunsby L, Ibraheem Y,  
Reeder S

*Understanding and Decreasing the Rate of Contrast Extravasation Events at EUH*  
Authors: Applegate K, Duong PA, Flock J,  
Glendenning R, Torres B, Wright R

## NEW FACES & APPOINTMENTS



**Bruce Inglis, RT(R), NMT**  
Nuclear Medicine Tech II – WCI

Bruce received his education from the University of Tennessee. He has been at Emory for three years working with our Diagnostic Radiology Division. He recently joined the clinic area, where he will shift his focus to PET imaging. Bruce has trained his pet Doberman to play fetch and bring the ball back to him, most of the time.



**Brenda Melton, MS**  
Medical Records Coder II - Decatur Plaza

Brenda has a BS in Business Administration and a MS in Healthcare Administration. She has two medical billing and coding certifications, and is working on a third. Brenda has been in the medical field for over 10 years working as a biller, in the group practice as a billing specialist, coder, and a medical office manager, in the classroom as an educator and a mentor.



**Ana Maria Moldoveanu**  
Accountant - EUH

Ana Maria joined the Radiology Department after gaining 10 years experience in accounting, financial and planning management with several companies owned by Hitachi Ltd. She will assist with accounting support for all Research labs within the Department. She has her BS in Electrical Engineering. Ana Maria is also a member of several professional organizations.



**Douglas Yim, MD**  
Director of Interventional Services - EUHM

Dr. Yim, Assistant Professor of Radiology, was recently appointed as the Director of Interventional Services for EUHM. In this capacity, Dr. Yim will provide oversight and coordination of the services of the Division of Interventional Radiology and Image-Guided Medicine at EUHM under the supervision of Division Director, Dr. Kevin Kim.

# STRIVING FOR EXCELLENCE

## Transition

The dictionary definition of the word is: process of change: a process or period in which something undergoes a change and passes from one state, stage, form, or activity to another. I wonder if everyone knows this definition and truly recognizes what transition means... I certainly didn't.

Transition for me was moving from the PACS team to Teleradiology Manager to Assistant Director. Of course at that time I didn't categorize it as "transition", I saw it as a change. I didn't realize at the time that with each move would come a change in my thought processes, my demeanor when handling situations, interacting with patients, or even my ability to interact with staff. Yes, I knew my knowledge base would change, for most of us that goes without saying. Yet, do we consider the amount of growth and patience that comes along with transition? It has been a constant part of our lives for the last two years and for some of us it has been a seemingly, never ending part of our lives.

A year ago staff commented about the changes in the department and they were

happy regarding new departmental updates and new technology. I realized then that instant gratification was embraced immediately and gradual change was never noticed. New equipment from one day to the next, a new RIS, a new PACS, as long as it was one light off and another one on, it was noticed. Perhaps this was just "change" and learning the processes was a part of "transition". Process changes and how we routinely manage ourselves daily take time to restructure. The patience needed to embrace transition can only come from recognizing that a state or stage is a "transition". We have learned to live in a new economy, inhaled Radnet, soaked up G.E. PACS, and are now diving into customer service initiatives.

Customer service and how we provide that service is the beginning of a new 'transition'. Inserting ourselves in the patients' shoes, ensuring their needs are met and communicating with them on a continuous basis, is and should be our focus. Patients are knowledgeable, internet savvy and are listening and watching our every move during our workday. They too, require

instant gratification as they are only in our department for a limited amount of time, for them our "transition" may be seen as a change. This can be permanent or temporary, but a "transition" indicates a more permanent state. We want our customer service initiatives to become long term processes. The short amount of time that a patient spends with us daily is enough time for them to form an opinion. We want this opinion to be positive.

I have learned that the slow and steady race to the finish allows for new ideas, individualized thinking, the ability to engage staff and achieves better success. I found that one person cannot move a mountain, change the routing of a street, or provide better service unless everyone that has a relationship with the initiative is onboard with the movement.



Do you know what "transition" is?

- Chrystal Barnes,  
Assistant Director for EUH  
Imaging Services

## Updates from Imaging Applications Support (IAS)

### Giving Thanks

With Thanksgiving right around the corner, it seems appropriate to pause a few minutes and give thanks for the people and situations in our lives that transform us. Here are a few things on our list:

**GE PACS** - We are thankful for a system that is dependable and stable. There are still a few issues and enhancements on the to-do list, but we are thankful that most of Radiology has transitioned to the new viewing application. This has relieved the pressure on Siemens PACS.

**Expert Users** - We are thankful for the Transition Team members and their dedication to assisting techs with the Standard Imaging Workflow process. They are dedicated to helping folks "get it right" and in the event something isn't right, they work promptly to fix it.

**Reading Room Coordinators** - We are thankful for the Reading Room Coordinators who were very cordial and cooperative while the IAS team charged in and changed their world around. They have adapted to their new environments and now just take change in stride.

**UTS** - We are thankful for our University Technology Support folks - every new computer install, and every old computer move has required network changes. Each time that we moved into a reading room or tech area, a representative was with us to prepare for the changes, and were flexible in the event that we needed immediate changes.

**Radiology and IS Leadership** - I personally am thankful for the guidance and support these teams have provided to us. The combined project leadership team has flattened obstacles regardless of the direction in which they may have come and encouraged us through the long weekends of work required to achieve this transformation.

I encourage everyone to give thanks for all the opportunities that working with Emory Healthcare provides - both in our professional and our personal lives!

- Karen Boles, Manager, Clinical Applications

# GET INVOLVED

## Radiology Department Holiday Party



You and a spouse/guest are invited to the 2010 Radiology Holiday Party. There will be complimentary valet parking outside of the King Plow Event Gallery. Heavy hors d'oeuvres will be served. In addition, a cash bar will be available. Please join our Department in celebrating the Holidays at this special event:

**Saturday, December 18, 2010**  
**6:00 to 10:00 PM**  
**King Plow Event Gallery**

For any additional questions or to RSVP by Friday, December 10, 2010, contact Laura Padgett at (404) 712-5422 or [LLPage@emory.edu](mailto:LLPage@emory.edu)

## Radiologic Technologist Week

Celebrate National Radiologic Technology Week® Nov. 7-13, 2010. The American Society of Radiologic Technologists ([www.asrt.org](http://www.asrt.org)) reminds us that "National Radiologic Technology Week® is celebrated annually to recognize the vital work of radiologic technologists across the nation. The celebration takes place each November to commemorate the anniversary of the x-ray's discovery by Wilhelm Conrad Roentgen on Nov. 8, 1895.

The week-long celebration calls attention to the valuable work of RTs in the health care field and the highly technical images that they make. The images play an integral role in the medical process and in the lives of millions of patients." Habib Tannir, Department Administrator, shares the sentiment by expressing "I would like to take this opportunity to recognize our radiologic technologists for all their hard work, commitment to quality and dedication to care for our patients. Thank you for all that you do. Join me in thanking your Radiologic Technologist today!"

**Look** for a new issue of  
the Rad Report  
the first full week of December

## Radiology Calendar

### **Week of November 8, 2010**

Wed., November 10 –  
Grand Rounds - David Jamadar, MD  
*The elusive sports hernia -  
A sonographic perspective*

Thurs., November 11 –  
Research In Progress Series (RIPS) -  
Ioannis Sechopoulos, PhD  
*Introduction to Medical Physics*

### **Week of November 15, 2010**

Wed., November 17 –  
Grand Rounds -Ioannis Sechopoulos, PhD  
*Towards tomographic Imaging of the Breast*

Thurs., November 18 –  
RIPS - Michael Terk, MD  
*Clinical Musculoskeletal research*

### **Week of November 22, 2010**

Mon., November 22 –  
Cancer Imaging Series - Jiyoun Mun, PhD  
*Utilization of microPET at the early stage of drug  
development: measurements of pharmacokinetic  
and biodistribution properties of KCN-1 analogs,  
drug candidates for glioblastoma multiforme (GBM)*

**NO Grand Round or RIPS Conferences -  
Thanksgiving Holiday Week**

### **Week of November 29, 2010**

Wed., December 1 –  
NO Grand Rounds - Week of RSNA

Thurs., December 2 –  
RIPS - Jiyoun Mun, PhD  
*The development of Radiolabeled HIF-1-Alpha  
Pathway Inhibitors To Accelerate Drug Discovery  
of Therapeutic Candidates For Treating  
Glioblastoma Multiforme*

### **Week of December 6, 2010**

Wed., December 8 –  
Grand Rounds - David Naidich, MD  
*Subsolid Nodules: Current Concepts  
in Diagnosis and Management*

Thurs., December 9 –  
RIPS - David Schuster, MD  
*Introduction to Research in  
Nuclear Medicine*

**For times & locations visit the website:  
[www.radiology.emory.edu](http://www.radiology.emory.edu)**