

EMORY RadReport

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

December, 2010

Suite Enhancements at CHOA

Children with vascular anomalies require the combined expertise of an experienced, interdisciplinary team of specialists whose primary focus is the management of these complex disorders. To evaluate and treat children afflicted with vascular anomalies, there is a team of readily available physicians specializing in Dermatology, Hematology, Vascular and Interventional Radiology, General Pediatric Surgery, Orthopedic Surgery and Plastic and Reconstructive Surgery.

The Interventional Radiology team is composed of Anesthesiologists, Nurses, Technologists and board-certified Interventionalists who share a special interest and experience treating vascular anomalies and are dedicated to providing the best possible care to our patients and their families. The majority of the patients receive their treatment under general anesthesia. Our facilities include the permanent space and staff necessary for post procedural recovery and extended care for outpatient recovery.

Our Interventional Radiology suite at Egleston includes

a Philips Allura Xper FD20 xray system that includes XperCT, as well as state-of-the-art single-plane and rotational angiography. With XperCT, images can be acquired to evaluate osseous and soft tissue lesions in the angiography suite without having to interrupt the procedure to transport the patient to a separate CT



The Interventional Radiology suite's new technology at CHOA allows for minimally invasive treatment procedures on our patients.

room. XperCT images can be viewed in any perspective within a 3-dimensional volume, facilitating the safe introduction of needles and catheters into lesions hidden among normal organs and viscera. These are of special use in the treatment of complex vascular malformations.

Vascular anomalies, composed of benign tumors and malformations (birthmarks), are seen in well above 50 percent of the population. Most are simple skin

discolorations that are very common in newborns and do not require diagnostic testing or treatment, however as many as 10 percent require sophisticated diagnostic imaging and experienced evaluation. Based on a Vascular Anomalies Center study, nearly 50 percent of referred patients are misdiagnosed and about 35 percent of those

referred have received inappropriate treatment.

Children's Healthcare of Atlanta, in collaboration with Emory University, has long provided comprehensive evaluation and treatment for vascular anomalies. And now, thanks to the September 2010

addition of a state-of-the-art Interventional Radiology suite at Children's at Egleston, many of these anomalies can be treated less invasively with image guided medicine techniques, particularly sclerotherapy, which assists in the resolution of vascular anomalies by blocking blood flow to the

area thus resolving the malformation over time. These minimally invasive treatments result in faster recovery times for young patients.



- Louis Martin, MD, FACR, FSIR, Professor of Radiology

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Magazine Drive

Contribute to conservation by bringing in your magazines for use in the radiology waiting rooms. To participate:

1. Remove all personal information from the magazine.
2. Deposit your magazines at the front desk of a radiology waiting area.
3. Repeat each month as your new magazines arrive.

The magazine will be used as needed in our waiting areas to help ease the wait times of our guests.

If you have other thoughts on what you can do to help to make our department better, please send your suggestions to radiologycomm@emoryhealthcare.org.

LETTER FROM THE CHAIR

Dear Colleagues,

I write this month's letter from the lounge at Chicago's O'Hare Airport waiting to return home from the 2010 Radiological Society of North America (RSNA) meeting. A bit weary yet energized from the past five days, I reflect on where our field is at this crossroads in medicine.

The meeting's theme, "Personalized Medicine: in Pursuit of Excellence," challenged us to gather what we have learned from research investments in molecular medicine and imaging technology innovation and apply it to transformative improvements in patient care. Sanjiv Gambhir of Stanford University delivered the New Horizons lecture; he pressed us to shift our focus from monitoring and treating predominantly late cancers to a greater emphasis on early detection and treatment in the curable stages of the disease. Atul Gawande, author of "Better," "Complications," and "The Checklist Manifesto," spoke of the overwhelming complexity of medicine and the great need for introducing innovation into our healthcare system. The

RSNA's highlighted speakers also included an address by President Bill Clinton, who spoke of the global health work of the Clinton Health Access Initiative and the Gates Foundation and cautioned that vast disparities in healthcare quality and access can lead to unstable and unsustainable conditions. Afterward, he was joined by RSNA President Hedrig Hvrıcak for a question and answer period.

In alignment with the "personalized medicine" theme, the RSNA Quantitative Imaging Biomarkers Alliance (QIBA) appears to be gaining momentum. QIBA was visible in a series of programming throughout the meeting that addressed the imperative of transforming radiology from a qualitative to a more quantitative science.

Walking through the vast halls of McCormick Place, the newest imaging equipment, software and workflow platforms, and books were on display. Attendees pledged to "Image Wisely," by seeking opportunities to eliminate unnecessary imaging examinations and to

lower radiation in imaging procedures to the minimum necessary.

As has become typical of our department, we had a stellar Emory presence at our field's premier annual conference. Members of Emory Radiology produced nearly 50 papers, scientific and educational exhibits, courses, and invited talks. Among these were Jay Patel and colleagues' poster presentation on "Radiology Podcasting and iTunes U," (supported by the Adopt-a-Resident Program) and Ioannis Sechopoulos' course on Diagnostic Radiology Physics focused on Advances in Digital Tomosynthesis. Hyunsuk Shim offered a scientific presentation on the development of a CXCR-4 PET tracer for head and neck cancer. Jim Provenzale gave a refresher course on the "Uses of Nanoparticles for Central Nervous System Imaging and Therapy". A keynote lecture by Carl D'Orsi offered a strategy for "Increasing the Specificity of Mammography." Arthur Stillman presided over a session on "Cardiac Series: Outcomes Research - Comparative Effectiveness of

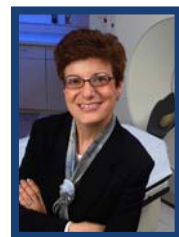
CCTA Trials." A renowned leader in education, Emeritus Professor Perry Sprawls presented "Models and Methods for Effective and Efficient Medical Imaging: Science and Technology Education."

Congratulations to all who presented at this year's RSNA, and a sincere thanks to all who enabled colleagues to attend!

The Monday Emory Alumni Reception at the intercontinental Hotel has become a staple of the RSNA experience, and a time to relax and catch up with colleagues and friends. This year's event was delightful, as always.

Yet, fatigue of the busy past few days is setting in and the dropping temperature and biting wind makes me ready to return home to Atlanta. Until next RSNA...

Best to all,
Carolyn C. Meltzer, MD, FACR
Chair of Radiology



MESSAGE FROM THE VICE CHAIR FOR RESEARCH

Working Through New Challenges

I am continually faced with unexpected challenges in trying to advance our research mission. But, one thing is constant: we have excellent scientists working in a wide range of areas on a variety of fascinating studies. Many of these projects now line the walls of my office. Come see me and check them out.

Questions I field can generally be divided into two categories: scientific and infrastructure. The scientific questions are the easy ones. They usually involve connecting collaborators within our department or finding expertise for a scientist from another department who would like to incorporate Radiology. Because of the talent of the scientists

working in Radiology, this is usually a straightforward introduction of potential collaborators.

The infrastructure questions are the hard ones and invariably involve IT. I have learned that studying the interconnected relationship between IT systems is as intellectually challenging as understanding the interaction of different biological systems within an organism. Being able to handle the unanticipated request (stress to the system) is a real challenge.

Our systems are continuously evolving. As in biological evolution, this means accumulating mutations (code hacks) and interchanging portions of our

software with other bits of code (genetic mixing) while keeping changes that prove beneficial. I am trying to influence future decisions towards more research flexibility but I am competing with many others who also have reasonable requests.

In the short term, I try to find "work-arounds". I have found that nearly everyone I talk to is sympathetic and tries to make the system work to our benefit.



If you have an issue, work with me. Have some tolerance for errors and we can get projects completed. Good luck with your research!

Sincerely,
- John Votaw, PhD,
Vice Chair for Research

AWARDS & RECOGNITION



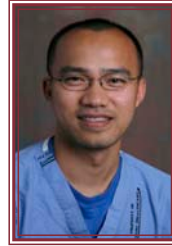
Kathleen Gundry, MD

Assistant Professor of Radiology

RSNA Technical Exhibits Committee

The Board of Directors of the Radiological Society of North America (RSNA) has appointed Dr. Gundry to serve as a member of the Technical Exhibits Committee for a three-year term beginning at the conclusion of the 2010 Annual Meeting.

According to the RSNA, the committee is responsible for reviewing and accepting all applications for commercial exhibit space at the Annual Meeting, considering the relevance to radiologists and allied scientists; and for implementation and monitoring of the Society's policies and regulations related to exhibiting during the meeting.



Clyde Le, RT (R)(MR)

Radiology Technologist II - WCI

Advanced level of MR Registry

Clyde has achieved the advanced level of MR registry. Recognized by the American College of Radiology (ACR), the American Registry of Magnetic Resonance Imaging

Technologists (ARMRIT) has been the only certifying body since 1991. The exam consists of several components including, but not limited to, MRI Physics and Instrumentation, Clinical Applications, and MRI Safety.

EMORY RADIOLOGY ON TOUR

As leaders in the radiology community, our Emory faculty are often invited to share their knowledge in various forums nationally and internationally. It is important to recognize those members who take time, in addition to their clinical, research and teaching duties, to encourage the advancement of the field of radiology through education.

The National Institutes of Health Doppman Lecture

Carolyn Meltzer, MD, FACR

The National Institutes of Health Clinical Center Department of Clinical Center Radiology and Imaging Sciences hosted the Tenth Annual John Doppman Memorial Lecture for Imaging Sciences on October 27.

Dr. Carolyn Cidis Meltzer, William P. Timmie Professor and Chair of Radiology, and Associate Dean for Research at Emory University School of Medicine, was the speaker. She is also the Director of the Emory Center for Systems Imaging.

Meltzer spoke on "The Evolution of PET: Images of Progress."

Positron emission tomography (PET) is an imaging technique that provides information about the function and metabolism of the body's organs.

"So much has happened in this field, and some of it here [at NIH]," she said. "PET is a unique technology that has had many faces and many lives over the last 50 years, and many more to come."

The Doppman lecture is held in honor of the late chief of the NIH's Clinical Center Radiology Department, and members of his family were in attendance in Lipsett Amphitheater.

Dr. David Bluemke, Director of the NIC Clinical Center Department of Radiology and Imaging Sciences, introduced Meltzer, whom he called "a leader in translational imaging methods."



Dr. David Bluemke, Director of the NIH Clinical Center Department of Radiology and Imaging Sciences, presented Dr. Meltzer with a certificate noting her October 27 lecture on PET imaging, the Tenth Annual John Doppman Memorial Lecture for Imaging Sciences.

GRANT AWARDS

Visualization of Acute Atherothrombosis using a Nanoparticle Based Magnetic Resonance Contrast Agent

Principal Investigators:

John Oshinski, PhD, Hui Mao, PhD, and David Ku, PhD

Funding Organization: Center for Translational Cardiovascular Nanomedicine (CTCN)

Significance: Rupture of atherosclerotic plaques and the subsequent acute atherothrombosis formation is now regarded as the event that leads to the majority of heart attacks, strokes, and sudden cardiac deaths. Methods to study the biomechanics, biochemistry, and physiology of acute thrombosis are limited. One of our co-investigators has developed a whole-blood perfusion system with a glass tube stenosis that proceeds to acute thrombosis in <30 minutes. Currently, the system can only be studied by direct optical visualization. The purpose of this study is to develop a magnetic nanoparticle imaging probe that binds to activated platelets and would allow visualization of acute thrombosis inside of the MRI scanner in a realistic vessel model. The long term goal is development of an molecular MR contrast agent that enables visualization to atherothrombosis and hemorrhagic vulnerable plaques in vivo.

RISING RESIDENTS

Newly Appointed Chief Residents

Each year, new Chief Residents for our Diagnostic Radiology Residency are selected by a vote of the faculty and residents. Although there are no specific criteria, prior participation in residency program activities and leadership qualities are typical attributes. Once selected as Chief Residents, these individuals take on numerous duties that include coordinating various resident activities. Other responsibilities are the call schedule and the rotation schedule, plus serving as a liaison between the faculty and residents on a variety of issues. Success as a Chief Resident requires the ability to balance being a peer to and a supervisor of the residents. In addition, these Chief Residents are members of the Residency and the Resident Selection Committees.

Over the last year, Chief Residents Megan Bell, MD, Nimesh Patel, MD, and Eva Riker, MD, have contributed a great deal to the success of our program. They have helped innumerable residents and faculty, including me, in countless ways. As they move toward the end of their residency here at Emory, three new Chief Residents have been selected to lead our program: Keith Herr, MD, Michael Lubarsky, MD, and Ali Tahvildari, MD. On behalf of Deborah Baumgarten, MD, MPH, Bruce Baumgartner, MD and Ashley Aiken, MD, I want to say thank you and congratulations to all of them.

- Mark Mullins, MD, PhD
Vice Chair of Education
Director of Radiology
Residency Program



Keith Herr, MD
Chief Resident

Dr. Herr received his undergraduate degree in Biochemistry and his Medical Degree from the State University of New York at Buffalo. He then completed a residency in psychiatry and fellowship in forensic psychiatry at Emory. After practicing general and forensic psychiatry in Atlanta for four years, he began his third sojourn at Emory as a resident in radiology. Upon completion of general radiology residency, he plans on moving to the west coast to pursue subspecialty training in Abdominal Imaging at the University of California, San Francisco.



Michael Lubarsky, MD
Chief Resident

Dr. Lubarsky attended Emory SOM where he received his MD and completed his internship. He completed the first year of his Radiology Residency at University of Colorado before coming back to Emory. Dr. Lubarsky currently represents the Radiology Residency at the Emory GME Committee and also serves as the Emory Housestaff Organization President. Through these roles, he aspires to improve the resident and fellow experience at Emory both professionally and socially. Dr. Lubarsky is also interested in Radiology education and has had several Educational Exhibits at National Meetings within the last year, for which he received a Certificate of Merit at the 2009 RSNA. After he completes his residency, he will continue his career with a Fellowship.



Ali Tahvildari, MD
Chief Resident

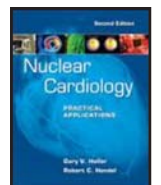
After receiving his undergraduate degree in Biochemistry and French from Louisiana State University Baton Rouge, Dr. Tahvildari continued his education at LSU SOM in New Orleans for his Medical Degree. In 2009, he was selected as a beneficiary for the Emory "Adopt-A-Resident" program. Through this program, Dr. Tahvildari will spend a month with the Addis Ababa University Department of Radiology in Ethiopia next March, with the ultimate goal of establishing an ongoing resident elective rotation there. In the near future, he will pursue a Fellowship in Abdominal Imaging at Stanford University.

CHECK IT OUT



Dr. Kimberly Applegate was highlighted in an article found in the ARRS *In Practice* Fall 2010 newsletter entitled, "Rethinking Radiation Worldwide". You can read the article on page 15 of the electronic version of the newsletter.

• **Bonta D.** "Dosimetry in Nuclear Cardiology". In: Heller, G, Hendel, R. *Nuclear Cardiology: Practical Applications, Second Edition*. McGraw-Hill, 2010.



Lawrence J, Rorhen E, **Provenzale J.** PET/CT today and tomorrow in veterinary cancer diagnosis and monitoring: Fundamentals, early results and future perspectives. *Veterinary and Comparative Oncology*. 2010; 8:163-187.

The *American Journal of Neuroradiology* is pleased to introduce its sixth Special Collection entitled *Brain Tumor Imaging, Volume 2: Posttherapy*. This volume is the second edited by Dr. Soonmee Cha on brain tumor imaging. Dr. Mark Mullins, Associate Professor of Radiology, Neurology and Neurological Surgery at Emory University, had his work on *Radiation necrosis versus glioma recurrence: conventional MR imaging clues to diagnosis* included in this collection of papers. Dr. Mullins has also had some of his other research on head Computed Tomography scans published in the previous editions of these collections of works.

IN THE KNOW

Quality Corner C.A.R.E. for Productivity

Today's economy places greater demands on productivity and greater urgency for results, without an increase in FTE's. So the question we are left asking ourselves is "how do we achieve greater productivity and keep it consistently high with excellent quality?" Productivity and quality are an output of the CARE formula – Communication plus Accountability, Recognition and Education.

Too often there is a line dividing information that the technologists need to know and the information that their managers need to know. This is where communication comes in and is so important. Explain to the technologist what the word productivity really means to them as individuals, to the department and ultimately to the hospital. Giving them this foundation will help them make better decisions and help them take into consideration how their actions affect their colleagues and themselves. Communicating to the techs and providing them feedback is necessary to evaluating how teams are performing and address emerging challenges before they become difficult to fix. As managers and directors we need to educate our teams about productivity and how it is measured. That way the staff can help find ways to improve productivity.

Accountability equals ownership and managers should make their teams accountable for their actions and the department goals. With accountability you need to be specific and consistent. This is crucial when talking about quality and productivity. If a tech is responsible for ensuring that their images meet the physician's requirements for quality, hold them accountable for just that. If they are meeting their goals reward them for that. If not, determine what educational needs

there are and provide remediation to better equip them and help them achieve the defined goals.

An extra pat on the back goes a long way. Sometimes recognition can be as simple as a thank you or a hand written note. It can come in many forms. One key is knowing how your employees want to be recognized and the other key is doing it consistently so that it becomes part of the culture. Recognition provides employees with a sense of pride and ownership. If they feel like they have ownership in the department they will be more involved in meeting productivity goals.

A knowledgeable team is a productive team. Provide your team with access to the knowledge they need in order to do their jobs well. The techs serve many masters: the patient coming in for the image, their direct supervisor, their manager, their AD, the physician requesting the study and ultimately the physician reviewing the image and providing them with the tools and education that they need is vital to their success. It is important to find a process or approach that delivers information to them seamlessly and in a way that doesn't leave any room for guessing. Your employees will thank you, the physicians will be satisfied and you, as the manager, will rest easy knowing that your techs are doing their job to the best of their abilities.

Focusing on productivity is really an exercise in team management. Communicating with your teams, making them accountable for the outcomes, recognizing their hard work and dedication and giving them the resources they need to continually educate and evolve will always improve the bottom line.

- Starla Longfellow, Assistant Director, Imaging Services, Quality & Strategic Initiatives EHC

● Updates from Imaging Applications Support (IAS)

● Celebrate Success!

- There are so many celebrations at the end of the year; I thought that it would be a good time to celebrate our successes this year. We have new applications, new team members, new teams and new users.
- Celebrate the GE PACS workstations! The GE PACS workstations are integrated and run on a new innovative "streaming" technology. We can appreciate the tools that allow Radiologists and Technologists to provide better patient care.
- We are celebrating the teamwork that has allowed us to accomplish all that we have done this year. There are many

moving parts to a successful application implementation and it couldn't have happened without the interdisciplinary cooperation that has been a trademark of this year.

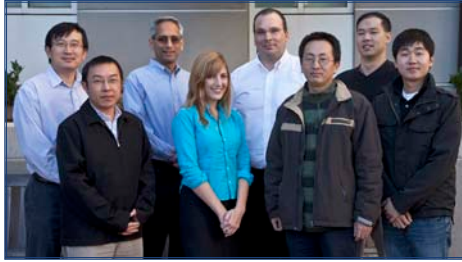
We are looking forward to the New Year with the expectation that we will have many more things to celebrate. We will work with the Millennium team to execute a Cerner code upgrade and then follow with a GE PACS upgrade. This, in addition to the new applications, enhancements, and projects on the list will keep us challenged and constantly celebrating that we have such a fun and challenging place to work as Emory.

- Karen Boles,
Manager, Clinical Applications

GETTING TO KNOW YOU

Medical Physics and Quantitative Imaging Lab

The Medical Physics and Quantitative Imaging Laboratory is focused on development, characterization and optimization of novel technologies for diagnostic imaging. Our lab is distinguished by maintaining a close relationship with the clinic, so as to address problems currently faced by physicians, and therefore improving the way diagnostic imaging is performed in the short and medium term. Our work spans a range of clinical applications, including chest imaging for detection of cardiovascular pathologies to breast imaging for detection, diagnosis and treatment of breast cancer. For this range of applications our work includes the development of new imaging hardware, such as ultrasound-gated cardiac CT imaging, new image acquisition techniques, such as x-ray phase CT imaging, and new mathematical algorithms and their implementation, such as spectral breast tomosynthesis reconstruction. We are also developing novel proprietary techniques to reduce mislabeling errors that are seen



The Medical Physics and Quantitative Imaging Lab is improving the way diagnostic imaging is performed by working closely with clinic to develop and optimize various technologies.

quite often in imaging studies. In addition, our work includes the radiation dosimetry characterization of imaging methods under development, and the optimization of image acquisition conditions to maximize image quality.

Dr. Xiangyang Tang, Associate Professor of Radiology, joined the lab in early 2009 after spending almost 8 years as a senior scientist at the Applied Science Lab of GE Healthcare. He is currently focused on the development and implementation of x-ray phase CT imaging, a novel imaging method that aims to harness the orders of magnitude higher contrast-to-noise ratio provided by x-ray's phase information compared to standard x-ray

imaging. This work involves the development of x-ray optical hardware and new image reconstruction and processing algorithms. Since joining Emory, Dr. Tang has also been spending substantial effort on cardiovascular imaging with dual energy CT, and has filed 3 patent disclosures of innovative CT imaging methods with

Emory's Technology Transfer Office, in addition to the 16 US patents already issued under his name. Dr. Srinivas Tridandapani, Assistant Professor of Radiology, focuses on cardiac imaging, for which he is developing a novel method to perform gated cardiac CT. In this work, ultrasound signals are used to synchronize the CT projection acquisitions with the heart's movements. To achieve this, Dr. Tridandapani, funded by the American Roentgen Ray Society and the Atlanta Clinical and Translational Sciences Institute, is working on new real-time signal processing algorithms to automatically interpret the information provided by an ultrasound probe and use it to control CT

image acquisition. Finally, Dr. Ioannis Sechopoulos, Assistant Professor of Radiology, Hematology and Medical Oncology, works mainly on the development of new tomographic methods for early detection, diagnosis, and therapy response monitoring of breast cancer. For this, he is working on developing new image processing and reconstruction algorithms for breast tomosynthesis, as well as on the characterization of the clinical performance of dedicated breast CT. He is recognized as an expert in breast radiation dosimetry, a field in which he has won two national awards from scientific societies. Dr. Sechopoulos also has federal and corporate funded projects to characterize and improve factors affecting image quality in portable radiography and PET imaging. Other members of the lab include Yi Yang, Ph.D., Shaojie Tang, Ph.D., Steve Si Jia Feng, B.S., Minsoo Park, and Jessica Paulishen, B.A., Research Project Coordinator.



- Ioannis Sechopoulos, PhD, Assistant Professor of Radiology

STRIVING FOR EXCELLENCE

Transforming Health and Healing... Together

I am fortunate to work with people in Emory that cross the entire spectrum of Emory's mission and live out our Emory vision of Transforming Health and Healing... Together. I work with staff dedicated to the clinical side of our mission as well as education and research. A common theme I see and hear is the devotion of the staff and faculty to their individual performance and the impact it has for our current as well as our future patients. The next step in striving for excellence is to transition from dedication to individual performance to dedication to team performance.

Healthcare is a "team" effort. One of my favorite team efforts is football. I enjoy watching all levels and playing backyard

football. The difference between a high school football team and a professional football team is dramatic. They do the basic same actions yet the performance as a team is remarkably improved on the professional level, as it should be. The professional athlete acquires a skill and then strives to perfect that skill by practice. The professional team is improved overall by practice as a team, where the skill sets of every individual on the team are used appropriately towards a common goal.

The Emory Healthcare quality promise to our patients is to provide impeccable clinical outcomes, delivered safely with outstanding service. In Radiology, there are many steps, performed by a variety

of people, which must be taken to ensure that the patient is appropriately imaged and treated as well as protected from harm. This is where the team effort comes in. The most basic example of this is hand washing. You are responsible for washing your own hands. However, as a team member it is your duty to speak up if another team member forgets to wash their hands appropriately. Yes, practice your individual skills that are needed and appreciated. But do not neglect to practice your team skills, for it is only as a team that we can deliver on the Emory Healthcare quality promise.



- Dale Walker, Director of Strategic Initiatives

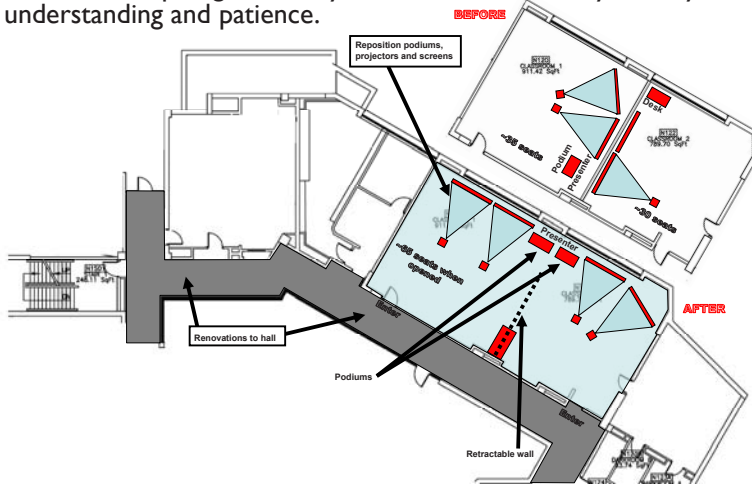
EXPANDED SERVICES

NI20 and NI22 Upcoming Renovations

The Department will be making renovations to rooms NI20 and NI22 in the Emory University Hospital Annex starting on December 6, 2010 extending through January 28, 2011.

The renovations will increase the size of the conference room from 35 seats to approximately 65 seats to accommodate Department faculty meetings and other larger meetings held within our Department. We are going to making some technical improvements to the rooms as well. Attached is the future layout for the combined rooms.

These rooms will be unavailable during the scheduled renovations. Please contact Martha Howard at 404-712-7020 or mshowar@emory.edu to assist you with making arrangements to reschedule your meeting(s) to an alternate location. We apologize for any inconvenience. Thank you for your understanding and patience.

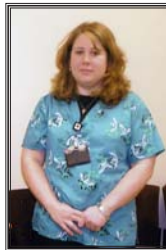


IN OUR THOUGHTS

Sarah Youngue, RT(R), Remembered

Sarah Elizabeth Yongue
January 7, 1975 - November 1, 2010

Sarah had been working at a Veterinarian's office for many years. One day the Vet asked if Sarah would like to accompany a patient who was to have an MRI scan. She said ok, not knowing what an MRI was. As her parents will tell you, she came home that fateful day and told them she was going to "X-ray School". And she did. Sarah came to EUHM May 14, 2001 where she has worked in Interventional Radiology ever since. Though she worked in Radiology, she was know throughout the hospital as a kind and caring person who took the care and comfort of her patients as her first priority. She was also known as the calm sweet voice behind the patient inquiry phone calls to the floors. Sarah had many repeat patients that would only let her perform their studies. She left us all too soon on Monday November 1, 2010. She will be greatly missed, not only by her family and friends, but also by her co-workers and patients.



There will be a memorial service Thursday December 16, 2010 at EUHM (time yet to be determined) at which time we will be unveiling a plant in the Axillary Garden in her memory. There will also be a garden plaque placed with the plant.

Radiology Calendar

Week of December 13, 2010

Wed., December 15 –

Grand Rounds - David Schuster, MD
FACBC PET and Amino Acid Radiotracers:
From Bench to Bedside

Thurs., December 16 –

Research In Progress Series (RIPS) -
Hui Mao, PhD

*Tumor Induced Alterations in Hemodynamic
Responses: Implications in Presurgical Brain
Mapping with BOLD fMRI*

***Please note location change
to Brown Auditorium**

Week of December 20, 2010

Holiday Week

No Grand Rounds

No Research In Progress Series (RIPS)

Week of December 27, 2010

Holiday Week

No Grand Rounds

No Research In Progress Series (RIPS)

Week of January 3, 2011

Wed., January 5 –

No Grand Rounds - Holiday Week

Thurs., January 6 –

RIPS - Puneet Sharma, PhD
*Non-invasive Quantification of Hepatic
Lipid and Iron with Single-Voxel*

*MR Spectroscopy:
Clinical Implementation*

***Please note location change
to Brown Auditorium**

**For times & locations visit the website:
www.radiology.emory.edu**

NEW FACES & APPOINTMENTS



Jamilk-Omari Johnson, MD
Assistant Professor - Emergency Radiology

Dr. Johnson received his BA with Honors in Health Care Organization and Policy from Brown University before continuing his education at the University of Pennsylvania where he received his MD. He completed an Internship in Surgery and Residency in Radiology from Columbia at NY-Presbyterian Hospital. After completing his training, he pursued Emergency Radiology as a teleradiologist for many years before joining Harvard University School of Medicine as an Instructor in Radiology at Massachusetts General Hospital. He joins Emory's newly developed Emergency Radiology Division as the Assistant Division Director. He has a strong interest in Quality and Safety and process improvements in Emergency Radiology.



Alison Dunkerley, DPM, MBA
Manager, Radiology Services – EUOSH

Prior to relocating to Atlanta, Alison spent three years performing marketing and outreach for the University of Utah's Department of Radiology. Her experience in clinical practice, ordering radiology exams, provides her a unique understanding of the customers the Radiology Department serves.



Chante Johnson, RT (R)(CT)
Radiologic Technologist – EUH

Chante received her BA from the Emory School of Medicine's Medical Imaging Program in 2008. She was working as a PRN for several months before joining the team on a full-time basis. She is a member of several professional societies including the ARRT, ASRT and the Lambda Nu Honor Society.



Leonel Vasquez, MD
Director of Community Radiology Specialists

Dr. Vasquez, who joined Emory on July 1, 2009, has ably served as Director of Breast Imaging at Emory University Hospital Midtown. He will take on a new role overseeing the further growth and development of our department's community-based imaging services. Currently these are sited primarily at Emory Johns Creek Hospital, where Dr. Vasquez will serve as Chief of Radiology Services, and soon will include a new outpatient imaging center in Buford. The vision for Community Radiology Specialists is to focus on optimized clinical service in a locally engaged, patient-centered environment while offering subspecialty expertise both within the division and through its links to the larger departmental resources.

Dr. Vasquez received his MD at West Virginia University SOM. Following a Surgical Internship at the Medical College of Wisconsin, his post-graduate training in radiology (Allegheny General Hospital) and later in breast imaging and intervention (Northwestern University Hospital) prepared him well for a range of leadership and practice opportunities to follow.

HR Tip

Your 2011 Benefits Confirmation Statement!

Emory University Faculty and Staff will receive a benefits confirmation statement at their home address in early December. Please review the statement to ensure it is accurate. If you would like to make a correction or adjustment to your 2011 election, this is your last opportunity. Please write the correction on the form, date and sign the confirmation and return to the Benefits Department by December 27th.

- Cynthia J. Wood, SPHR
Human Resources Manager

Radiology Department Holiday Party



You and a spouse/partner or 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 LLPadgett@emory.edu

*Warmest Wishes &
Happy Holidays!*

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