The Department of Radiology and Imaging Sciences continues to create collaborative programs in Global Health across the world. Within the department there are many faculty members exchanging information and educational programming with other countries to improve the availability of health care. This year, the Department welcomed visiting scholar Dr. Jie Sun from Xi’an Medical University in China and Drs. Tequam Debebe and Getachew Assefa from Addis Ababa University in Ethiopia.

Dr. Jie Sun is currently a visiting scholar in the Division of Pediatric Radiology at Emory, where she is studying under the direction of Dr. Ellen Patrick. Dr. Sun’s entry into radiology and affiliation with Emory occurred in 1997, when she was one of a group of outstanding senior medical students at Xi’an Medical University selected to enroll in the Emory Radiology-Xian Medical University Cooperative Program in Medical Imaging Education. After graduating from the Cooperative Program, Dr. Sun obtained an additional graduate degree and completed a residency in radiology.

The goal of the Emory Radiology-Xi’an China Cooperative Program is to share the Department’s experience, especially with advanced and evolving procedures, so they can be performed in China. During her six-month tenure at Emory, Dr. Sun has been actively engaged with the pediatric radiology faculty and Dr. James Parks in Cardiology. This includes case reviews, participation in many conferences, and learning imaging procedures and protocols as they are practiced here. She is also studying how the Pediatric Radiology division is organized and managed for ideas that can be applied in China.

A few years ago, Emory Radiology established a partnership with the Addis Ababa University and the Radiology Department at Black Lion Hospital in Ethiopia. After successful trips to Ethiopia, the tables have turned, and now Drs. Tequam Debebe and Getachew Assefa, from Addis Ababa University have come to Emory University to observe and shadow the Neuroradiology division. The doctors are here for one month working closely with Dr. Pat Hudgins, who will play a vital role in helping them prepare and finalize the curriculum for their new Neuroradiology fellowship program at Addis Ababa University.

In June 2011, a team from Emory Radiology was visiting Addis Ababa University, they were able to meet with the deans of postgraduate and undergraduate training, to discuss incorporating radiology into medical student education. From the beginning of this project, it has been the Department’s goal to develop subspecialization and fellowship training. As the partnerships grows between Addis Ababa University and Emory Radiology, they will continue to exchange knowledge in residency training, including formation of subspecialty fellowships and web-based learning and research collaboration.

Bringing the Department’s Global Health efforts back to Emory University allows visiting doctors to study and observe procedures, the application of advance technology, residency program, our residency curriculums and sub-specialties. These doctors are able to take their experience back to their departments to educate and improve on processes, procedures and educational programs.

Dr. Pat Hudgins stands with, Dr.Tequam Debebe and Dr. Getachew Assefa, visiting professors from Addis Ababa University in Ethiopia.

- Perry Sprawls, Ph.D., FACR, FFAAPM
- Camille Dingle, Communications Specialist
Dear Colleagues,

The Farewell Reception for Thomas J. Lawley, MD, Dean of the Emory University School of Medicine, was held on August 23 in the WHSCAB building lobby. The packed crowd of colleagues, friends, and family celebrated the long and rich tenure of the Dean and his many accomplishments. Dean Lawley presided over multi-fold growth in research funding, the development of a transformative medical school curriculum, and the addition of several buildings on the Emory campus, including the state-of-the-art James B. Williams School of Medicine building. He is responsible for recruiting nearly all of the current department chairs, and is known for his patience, integrity, and calm in stormy times. I am personally grateful to Dean Lawley for his constant support and pride in our Emory Radiology initiatives, and his guidance.

September always seems to be a time of new beginnings. The hint of Fall ushers in planning for the next year. Our new trainees, with us only since July, are settling in and bring with them a fresh outlook. Kids are back at school and the infamous Atlanta traffic resumes in full force.

We have a busy few months ahead. The annual Weens Lecture Event (Sept 28) is always a fun time to hear different perspectives of how imaging or images are used outside the world of health care. Our guest this year is the Pulitzer prize winning editorial cartoonist, Mike Luckovich. He will give us a glimpse into his work of portraying a unique perspective of our society’s events in visual form. There will be hard work on our new strategic plan and a flurry of professional society meetings. I will give an update on broad issues that will shape our plan on Sept 19, and my annual state of the department address on Nov 7. Another RSNA looms just after Thanksgiving.

I hope you enjoyed your summer and look continuing our journey together.

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

MESSAGE FROM THE VICE CHAIR FOR RESEARCH

Communication is Key

On Monday, August 20, there was a town hall meeting where members of the department could pose questions to its leadership. Many of the questions centered on benefits available to our employees. Other people commented on morale.

At one point, Emory offered substantially better benefits than its competitors but this is no longer possible. The reality of the current economic environment is that all healthcare systems in the country, including Emory, are stressed for funds. Because of this the differences in benefits between Emory and our peer institutions have shrunk. After learning that some benefits have been reduced in the last couple of years, one participant asked, “what is the advantage of working at Emory?”

Given that our benefits no longer separate us from our peers, why would someone choose to work at Emory? I can answer this question for myself. I enjoy the combined academic and service missions of Emory. I’m proud to be associated with the ground breaking studies taking place and that we routinely handle the most difficult cases. The School of Medicine gives me the opportunity to investigate new concepts and ideas. The medical center allows me to make sure that the new ideas are relevant. By combining the two I feel that I have the best opportunity to affect the lives of as many people as possible. This gives my work purpose.

What about you? Why do you enjoy working at Emory? Faculty and staff retention is the first goal in our current strategic plan. With this in mind the above question could be, what can we do to attract and keep the best employees? One response has been to develop and promote a culture of safety and mutual respect – both for our patients and each other. The Service Excellence Institute (SEI) was developed with this goal in mind. We felt so strongly about the importance of SEI that we made it mandatory for all current and future employees.

The next phase in the SEI program is a workshop on cultural diversity. Workshops are being offered from mid-September to early October. See the message from radiology communications to sign up for a convenient session.

All of us on the executive committee welcome your responses. We want to reinforce those aspects of working at Emory that you find enjoyable and change the others. I look forward to partnering with you to make working at Emory as rewarding an experience as possible.

- John Votaw, PhD
Vice Chair for Research
Awards & Recognition

Stephen Simoneaux, MD
Assistant Professor
Radiology and Imaging Sciences
American Board of Radiology
Distinguished Service Award and Lifetime Service Award

Dr. Simoneaux was awarded the Distinguished Service Award by the American Board of Radiology (ABR). He is being acknowledged and shown appreciation for his ongoing exceptional service in fulfilling the ABR mission.

He was also awarded the ABR Lifetime Service Award in recognition of his continued volunteer services. He has been volunteering his time throughout the years, assisting with administering and preparing the exams, in addition to serving on various committees for this professional organization.

Faisal Khosa, MD
Assistant Professor
Radiology and Imaging Sciences
Medal of Excellence (Tamgha-i-Imtiaz)

In recognition of his meritorious services to the medical and dental institutions in Pakistan, Dr. Faisal Khosa has received the Medal of Excellence (Tamgha-i-Imtiaz), one of the highest awards conferred to a civilian. The award is the fourth-highest decoration given to any civilian in Pakistan based on their achievements.

Over the years, Dr. Khosa has been invited to lecture and mentor students at medical and dental universities across Pakistan.

The award conferring ceremony will be held in Islamabad, Pakistan on March 23, 2013.

Vascular Lab-EUHM
Radiology and Imaging Sciences
Intersocietal Accreditation Commission (IAC)

The Vascular lab at Midtown received accreditation from the Intersocietal Accreditation Commission (IAC). The purpose of IAC accreditation is to ensure high quality patient care and to promote health care by providing a mechanism to encourage and recognize the provision of quality imaging diagnostic evaluations by a process of accreditation.

Radiology Leadership Academy

Mission
The Radiology Leadership Academy (RLA) will empower our leaders through interactive experiences that will enhance their leadership tools, and create an understanding of how each individual contributes to our department growth.

Vision
The RLA will be an enabling program that produces strong leaders and enhances the healthcare community. The academy will foster an environment where faculty, staff and patients take pride in their experience, making Emory Radiology and Imaging Sciences a Destination Department.

The RLA program is a vital step forward in our department’s strategic efforts to grow the talents and skills of our faculty and staff. Over the course of the program, skills building concentrated on areas of defining leadership, engagement, empowerment, customer service, leading change, diversity and communication, using the DISC assessment to adapt management styles. Intertwined with these lessons were insights as how all the moving parts of our department function together: clinical, research, education and administration.

We are proud to announce the RLA Class of 2013

Melva Banks
-Shift Nurse Manager

Jeanine Blotske
-Supervisor

Debra Carter
EUH Mammography
-Supervisor

Courtney Moreno, MD
-Assistant Professor of Radiology and Imaging Sciences

Jim Fitz
-Technologist Supervisor

Kaundinya Gopinath, PhD
-Assistant Professor of Radiology and Imaging Sciences

Linda Gunsby
-Manager, Radiology Services

Edwin Herrod
-Supervisor

Omari Johnson, MD
-Assistant Professor of Radiology and Imaging Sciences

Amit Saindane, MD
-Assistant Professor of Radiology and Imaging Sciences

Mo Salama
-Director of Imaging Informatics

Deb Smith
-Associate Clinical Administrator
**Kinetic Modeling of Norepinephrine Transporter Availability in PTSD**

**Principal Investigators:** Jonathon A. Nye, PhD  
**Co-Investigators:** Fanxing Zeng PhD, J. Douglas Bremner MD

**Funding Organization:** The University Research Committee (URC) and the Atlanta Clinical & Translational Science Institute (ACTSI)

**Significance:** The objective of this proposal is to collect pilot data to characterize the binding of [11C]MENET in combat-exposed war veterans with posttraumatic stress disorder (PTSD). Little is known about the dysregulation of PTSD veteran’s neurochemical state including the noradrenergic system, which plays a primary role in memory and stress response. This includes heightened anxiety, fear and hyperarousal symptoms. The norepinephrine transporter (NET) is responsible for regulating and terminating noradrenergic transmission, and is a specific marker for neuronal integrity. Through a series of experiments we will determine the in vivo binding characteristics of the specific NET marker [11C]MENET using PET imaging. Our long-term goal is to develop a longitudinal study framework to assess the NET’s dysregulation during onset of PTSD as well as its transition to chronic lifetime PTSD.

**Check It Out**


Radiopharmaceutical Drug Discovery Lab (RDDL), led by Dr. Mark M. Goodman, is to develop radiopharmaceuticals for the study and management of treatment of cancer, cardiovascular disease, cocaine addiction, mood disorders, dementia and psychomotor disorders. The faculty and staff of the RDDL form a multidisciplinary team comprised of chemists, radiochemists and technologists. The RDDL has nine PhD organic chemists who have mastered radiochemistry labeling methodologies of radiopharmaceuticals since joining RDDL. The RDDL faculty consists of five assistant professors, Ronald J. Voll, Jeffrey Stehouwer, Fanxing Zeng, Weiping Yu; and Nashwa Jarkas; an instructor, Jiyoung Mun; and a research associate, Wone Seo. A goal of the RDDL is training the next generation of radiopharmaceutical scientists and to currently supports post doctoral fellows Aaron Smith and Alessandra Mancini. Completing the faculty is a licensed radiopharmacy manager by Ronald Crowe, BNCP, Karen Dolph, NP and Michael Shane Waldrep, BS. Mr. Crowe’s team is responsible for the production of radiopharmaceuticals for human use adhering to USP guidelines. Mell Camp, CNMT, with expertise in metabolite analysis of human tissues, and Larry William, BA, who oversees the small animal imaging, contribute to the bench-to-bedside translation of radiopharmaceuticals developed in RDDL.

The RDDL has multiple imaging projects involving novel [18F] radiolabeled amino acid technology, with the goal of translation to patients in the clinic. A recent and exciting success story involves the translation of [18F]FACBC from the lab into a diagnostic tool for the management and treatment of brain and prostate cancer. Dr. Goodman and colleagues were awarded an NCI DCIDE application for toxicity testing of [18F]FACBC, followed by an approval of an investigational new drug (IND) application by the FDA. In 2007 they received a NIH R01 grant entitled “Leucine Type Amino Acid Transport In Gliomas” (PI-Goodman MM) to study [18F]FACBC for imaging primary and recurrent brain cancer. In 2007, the RDDL reported the first use of a fluorine-18 labeled synthetic amino alicyclic acid, [18F] FACBC, for imaging prostate cancer in patients. [18F]FACBC has been shown to detect cancerous lesions within the prostate and loco-regional extra-prostatic lesions in lymph nodes and distant metastases to bone. Based on this success, Emory has received NIH awards to investigate the detection of prostate cancer: A RO1 “[18F]FACBC PET-CT for the Detection and Staging of Recurrent Prostate Carcinoma”, Pl- David Schuster), and a project (PI-Schuster DM) in the Emory Molecular and Translational Imaging Center (EMTIC) P50 EMTIC Program grant (PIs- Goodman, Meltzer, Hu). We believe that the translation of [18F]FACBC to the clinic paves the way for related imaging tools that will form a critical part of cancer diagnosis and treatment in the future.


- Mark M. Goodman, PhD
Professor of Radiology & Imaging Sciences

In The KNOW

Updates from Imaging Applications

**EJCH Updates**
- **EJCH** went live using Emory Healthcare systems on August 18th.
- The IAS Team is actively migrating selected images from EJCH PACS to EHC PACS.

**IS moves to EP**
- The IS department move to 57 Executive Park South on floors 2, 4, & 5 was completed in July.

**Workstations Freezing**
Reasons for the workstation freezing:
- Switching between a current/prior reports in the virtual requisition pane. It’s a known Cerner issue that will be fixed with Cerner code, to be release in 2013.

- *PowerScribe batch signing reports – Do Not Batch sign reports in PowerScribe.*
- *GE application error. The IAS team is actively working on a resolution with GE and testing with a subset of Radiologists.*

**RadNet Procedure Critique**
Procedure Critique is live for CT, MR, US, DX and NM. The Radiologists will use this tool to document their comments and feedback for the Radiology Technologists.

**July Orientation Participants**
If you need refresher/advanced training, please call 8-help.

- Wendy Lybrand, Radiology Informatics Trainer
Continuing Education and CQR

As a radiography educator, my job is to ensure that graduates have the knowledge and skills to perform successfully as an entry-level technologist. Most graduates realize very quickly after graduation that, although the formal educational process has ended, their learning must continue throughout their professional career. Our profession is continually changing and technologists must never stop learning if they hope to provide the level of care expected by patients.

Registered technologists must complete 24 hours of continuing education (CE) every two years in order to remain in good standing when their registration is renewed by the ARRT. The CE credits earned must be relevant to the radiologic sciences or patient care and must be approved by a recognized continuing education evaluation mechanism (RCEEM). Ideally, all CE credits earned would enhance the professional practice of the radiographer and positively impact patient care.

There are many different avenues for obtaining CE credits. Professional society meetings, directed readings, on-line modules, and home study activities are a few examples. Academic courses are also a good way to obtain CE credits, with a one semester credit hour course conferring 16 CE credits.

Also note that all (primary and post-primary) RT certifications earned after January 1, 2011, are time-limited to 10 years. Recertification will require completion of the Continuing Qualifications Requirements (CQR) process.

CQR has three related components. RTs will initially be required to assemble a professional profile that highlights achievements related to education, work, special skills and professional development. This first step will give an overview of how the RT has maintained qualifications since first becoming certified.

Second, the ARRT is developing a unique structured self-assessment process. The self-assessment will be a learning tool designed to evaluate the strengths and weaknesses in knowledge and skills based on the qualifications expected of the RTs current position and relative to the current content specifications and practice standards. The self-assessment findings will be used to provide a customized list of “targeted” learning opportunities to assist technologists in identified areas of deficiency. IT IS NOT A TEST! Initially, many technologists feared having to take the certification exam again, but that was never the intent of the ARRT. Completing continuing education activities in the identified areas is the third component of the CQR process. Completion of the area specific educational requirements should enhance both the knowledge and skill level of each technologist and ensure continuing competence.

An RT’s compliance phase with CQR will begin seven years into the initial 10-year certification period. For example, for RTs earning certification in 2011, the compliance phase can begin in 2018, allowing three years to complete the professional profile, self-assessment and targeted continuing education by 2021. And remember, CQR applies to RTs with primary or post-primary certifications earned since January 1, 2011.

Due to accelerating advancements in technology and growing capabilities in the healthcare field, the idea of “Once certified, forever qualified” no longer meets the expectations of patients or the profession. Today, this is more accurately described as “Once certified, forever learning, evolving and developing as a qualified professional.”

- Dawn Moore, M.M.Sc., RT(R)
  Director of Medical Imaging Program

Get Involved

Ladies in Pink

The Pink Ladies, as Manager Frankie Martin likes to call them, are the clinical call center schedulers for the Breast Imaging Center (BIC). Now, six ladies strong and joining the Patient Access Support Services (PASS) Call Center in February 2011, these six are often the first point of contact for many of BIC’s patients and therefore an integral part of the patient experience when it comes to care and scheduling.

The ladies of BIC can certainly be proud of their performance. As a team, they have surpassed the other PASS Call Center sections in productivity and quality scores while continually meeting or exceeding the service level goals for patient support when scheduling on the phones. As a matter of fact, they were the most productive team for all of FY12. Their performance, month over month, is often used as a benchmark when highlighting the efficiency of the PASS call centers as whole to other clinic leadership.

If you have a chance to meet these wonderful Pink Ladies, give them a pat on the back or a handshake. They are Tomika Easter (supervisor), Kim Council, Tashon Holland, Erica Wilson, Tonya Gaines and Reena Baranan. Their commitment to patient care is unsurpassed and it is evident on the phones each and every day.

- Frankie Elizabeth Martin
  Manager- PASS Quality/ BIC and Surgery Call Centers

Save the Date

Free Breast Health Screening coming to EUH and Midtown October 23, 2012.
More details to come!
GET INVOLVED

Weens Lecture

The 29th Annual Weens Lecture and Resident Alumni Reunion will take place on Friday, September 28th at 6:30 pm in the School of Medicine Building. The evening will feature a presentation by Editorial Cartoonist for the Atlanta Journal-Constitution, Mike Luckovish.

Mike Luckovich, editorial cartoonist for the Atlanta Journal-Constitution, was awarded the Pulitzer Prize for Editorial Cartooning in 1995 and 2006. The 2006 award citation praised his powerful cartoons on an array of issues, drawn with a simple but piercing style.

Luckovich began his career at the Greenville News, then went to work for the New Orleans Times-Picayune in 1985, where he was a Pulitzer Prize finalist. He joined the AJC in 1989.

He has received several awards, including: Overseas Press Club (1990 and 1993), National Headliner Award (1992 and 2006), Robert F. Kennedy Award for cartoons (1994), Rueben Award for Outstanding Cartoonist of the Year from the National Cartoonists Society (2006), Thomas Nast Award (2006), Sigma Delta Chi Award (2006) and Scripps Howard Award (2009).

Luckovich is syndicated in 150 newspapers and occasionally appears on NPR. His cartoons are frequently reprinted in national publications including Newsweek, The New York Times, The Washington Post and Time Magazine.

He is the author of two books of cartoons. The most recent, Four More Wars, was published in 2006.

If you would like to attend this department-wide event, please RSVP by Friday, September 21, 2012 to Alaina Shapiro at 404-712-5497 or radiologycomm@emoryhealthcare.org.

Weens Lecture

In 1941, Dr. Heinz Weens was the first Radiology resident at Grady Memorial Hospital and in the City of Atlanta. During the final year of his residency, WWII recruited radiologists for duty overseas. This left Dr. Weens to support not only Grady, but also Piedmont Hospital. Upon finishing his residency in 1944, he continued his training in Boston. When Dr. Weens returned to Emory, he initiated the residency training program that first involved both Grady and Emory University Hospitals. With an enrollment of two residents, the Emory Radiology Residency Program was a reality. By 1947, Dr. Weens had earned the title of an Associate in Radiology. This appointment punctuates the time that Radiology was separated from Surgery. Within a year, Dr. Weens was made a full Professor and Chairman of the Department of Radiology.

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

Service Excellence: Cultural Diversity

We are working to perpetuate the Service Excellence Culture with voluntary workshops that support the skills that will enhance our department. The first to be offered is Cultural Diversity. During this workshop you will gain awareness of how we relate to one another and gain a perspective of how we can identify with our differences. This interactive session will be led by Emory’s Equal Opportunity Program, tying examples related to our department. To sign-up for this two hour session, please request the time and then follow the directions below.

To register for the Service Excellence Diversity Workshop please follow the steps below:

- go to: http://elmprod.emory.edu
- Login to ELMS using your PeopleSoft user ID and password.
- Select Search Catalog
- Select “Catalog Items” as your search category and enter “Radiology - Diversity”
- Review the dates, locations and times and select “Enroll” and complete the enrollment screens.

NEW FACES & APPOINTMENTS

Matanat Abadzade
Research Financial Analyst
Matanat comes to our Department with 13 years of experience in Accounting and Finance. Prior to working with Emory she was a Senior Accountant at Sears Holding, Inc and a Payroll Accountant at Home Depot. Matanat has a Bachelor’s Degree in Liberal Arts.

Fannie Harton, RN, MSN
Nursing Unit Director – EUHM
Fannie comes to us from St. Joseph’s Hospital of Atlanta where she spent the last seven years as a critical care nurse for the Medical-Surgical ICU. Prior to her occupation as a nurse, Fannie functioned as a Certified Respiratory Therapist for 23 years. Fannie has a background in mentoring and teaching others as well as a long history of community involvement.

Will Parish, MSN, RN, CCRN
Nursing Unit Director- EUH
Will has been with Emory for two years. Prior to joining Emory Radiology he was the Nursing Unit Director of Neuroscience ICU. He has a Masters in Nursing and is currently working on his Doctorate in Nursing. Will is also involved in professional organizations such as the American Organization of Nursing Executives and American Association of Critical- Care Nurses.

Oluwaseun Odewole, MBBS, MPH
Research Associate
Seun received her Medical Degree from the University of Ilorin in Nigeria and her Master’s Degree in Public Health from Emory University. Prior to joining radiology department, she was involved in several research projects at Emory some of which include birth defects prevention and HIV vaccine acceptance and risk compensation study.

Wone Seo, PhD
Research Associate
Wone joined Emory Radiology in 2007, as a fellow in the Radiopharmaceutical lab. He received his PhD from the University of Nevada. Wone’s area of focus is in radiotracer development for PET imaging.

HR Tip

Preparing for Flu Season: Flu Vaccination

This is a friendly reminder that all EU faculty physicians and EU employees who work in an EHC facility are required to receive the flu vaccination or complete a medical or religious exemption.

Please look forward to future Rad Reports and emails regarding dates and how to register to get your flu vaccine.

Remember, flu vaccinations are mandatory.