

August, 2011

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## Seeing Clearer with DaTscan

innovation and clinical applications of imaging technology. The Division of Nuclear Medicine and Molecular Imaging is among the first in the United States to clinically introduce a new imaging agent, "DaTscan." DaTscan is the first FDA approved imaging agent that allows physicians to evaluate patients with suspected Parkinsonian syndromes. One of the more readily identified diseases associated with Parkinsonian syndromes is Parkinson disease.

Currently, the challenge is to distinguish Parkinson's Disease from other conditions that mimic its symptoms. In the past, movement disorders (i.e., signs of tremors, diminished motor skills and muscular rigidity) were diagnosed through clinical examinations that sometimes led to inconclusive diagnoses. DaTscan can rule out Parkinson's Disease in a patient with Parkinsonian symptoms. Emory University's Professor of Radiology and Imaging Sciences, Dr. Bruce Barron states, "DaTscan is not a cure for Parkinsonian syndromes, but is a start in the diagnosis of patients with movement disorders due to diminished dopamine transport and also in the reevaluation of patients

Emory's Department of Radiology and Imaging Sciences continues to fulfill the highest standards of its mission through the introduction of advanced

who may have been misdiagnosed. The disease process attacks the brain when it does not obtain enough dopamine, a neurotransmitter, that sends signals to the muscles in the body for movement. Parkinsonian syndromes affect the ability of the brain to control movement and muscle functions. Prior to DaTscan, accurate diagnoses for patients with movement disorders could take up to six years."

Dr. Barron explains, "Patients who undergo the scan follow a series of preparatory procedures. Three days prior to the DaTscan procedure the patient is asked to stop all interfering medication. One hour before DaTscan is administered, the patient will receive an oral iodide solution to block the thyroid from iodine uptake. The DaTscan radiotracer is slowly administered intravenously in an arm vein and there is then a four-hour wait to allow for radiotracer binding to brain structures. The scan takes approximately 30 minutes."



Since July 5th, more than 10 patients have undergone the DaTscan. Several more patients are scheduled for scans in the future at Emory.

Although DaTscan is new to the US, it was approved by the European

Medicines Agency in 2000. The first use of DaTscan at Emory Radiology was in February, 2011 two research patients enrolled in a research study undertaken in cooperation with Dr. Stewart Factor of the Department of Neurology. Since July 5<sup>th</sup>, more than 10 patients have undergone the DaTscan and several more patients are scheduled for scans in the future at Emory. Dr. Barron states, "Patients are coming from all over the state. There is a network of patients, family members and support groups that are continuously looking for avenues to further the research of Parkinsonian syndrome. The patients are truly dedicated." With DaTscan, patients and family members will benefit from a timely diagnosis, diminishing the frustrations and doubts associated with misdiagnoses.

Emory Radiology continues to make strides in introducing new innovative technologies that focus on improving the health care of individuals. Dr. Barron explains, "Emory was chosen to be among the first to introduce DaTscan for many reasons, but mostly because we have the physicians, the technology and the infrastructure to support new innovative procedures, such as DaTscan." This holds true to the vision of Emory Radiology to be recognized as a destination department for its leadership in imaging sciences and clinical applications. DaTscan is offered at Emory University Hospital, Emory University Hospital Midtown and the Atlanta Veterans Affairs Medical Center. The imaging agent will eventually be available in 80 Centers of Excellence nationwide.

- Camille Dingle  
Communications Specialist

## LETTER FROM THE CHAIR

Dear Colleagues,

This season has been a time of new beginnings, and unfortunately of some sad goodbyes.

Our transformation of the Community Specialists Division is coming to fruition under the leadership of Dr. Leonel Vasquez. Based at Emory Johns Creek Hospital, this division adds a flexible capacity of specialized expertise to our multi-site clinical practice, as well as providing uniform quality to our community-based practices sites. Please welcome our new faculty in the community specialists division: Drs. Eric Friedberg, Paul Harkey, John Holbrook, and Maria Piraner. The Community Specialists will also

work closely with the Emergency Radiology division to aide in continuity of system-wide care.

Our vast new crop of trainees has arrived. The teaching mission is such a strong element of the Department of Radiology and Imaging Sciences, and our premier residency has grown further with the admission of 16 (rather than the usual 14) individuals in the 2011 first-year class.

In August we will be saying our farewells to Diego Martin as he assumes the role of Chair of Radiology at the University of Arizona. Bobby Kalb, whom we

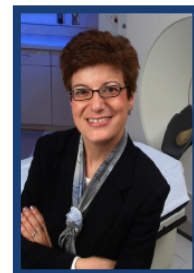
have seen flourish in his career through residency and fellowship and as a faculty member, will be joining Dr. Martin. While both of these colleagues will be greatly missed, they will maintain their ties with Emory Radiology through adjunct faculty appointments.

We are still reeling from the sudden loss on July 1 of our dear colleague of 38 years, Linda Donoff. Linda was among the most dedicated of Emory's people, and the reach of her human connections across campus was vast. At last week's Celebration of Life memorial service held in the EUH

auditorium, Jacques Dion, Michael Cawley, Bill Casarella, and emeritus professor Dick Colvin, among others, shared touching, poignant, and funny vignettes with Linda's friends and family. Her memory will be immortalized in a beautiful wooden bench placed at the entrance of EUH.

Best to all,

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



## MESSAGE FROM THE VICE CHAIR FOR RESEARCH

### Remembering What's Important

In the past month and a half we have had the opportunity to celebrate the achievements of two long time members of our faculty. Last month we honored Ernie Garcia and last Friday we honored Linda Donoff. There was a clear theme present in these celebrations, which can be a message to us all; we are here to help people.

Linda worked at Emory for 38 years until her unexpected passing on July 1. I didn't know Linda but her spirit, as revealed by those giving reflections during her Memorial service, has inspired me. One of the speakers, Dr. Colvin, related a story about a new resident, Charlie, who was to be reading with the then Chair of Radiology, Dr. Weens. Charlie appeared at Linda's office door with a bewildered expression. Linda, knowing that he should be in the reading room, asked what was wrong. Apparently, Dr. Weens was asleep at the light box and Charlie was intimidated by the man and didn't know how to handle the situation. Linda said, "I can fix this." She called the reading room (waking Dr. Weens in the process)

and told him, "I'm looking for Charlie – have you seen ... oh, never mind, I see him now." Next she told Charlie to sit in her office for a few minutes then go into the Reading room and act as if nothing ever happened. This is a wonderful example of how to help people. Charlie's problem was solved, Dr. Weens was not embarrassed, and nobody lost face.

A particularly inspiring aspect of the service was seeing how many people were there and then learning why they were there. It was not because Linda made a lot of money. It was not because Linda invented something new. It was not because Linda was the head of some big operation. It was because Linda touched many people and enriched their lives. It inspired me to think about what is truly important.

Linda's family let us know that she loved working at Emory. Sometimes things look and seem really bad but let's step back and take stock of how good things really

are. As we are surrounded by seemingly hopeless times with the national budget as well as our local economic outlook, I would like to reflect on the reasons why I like working at Emory: Our leaders had the foresight to meet the economic crisis head on so we don't feel the recession as severely as some of our neighbors. I like being surrounded by many different ideas from people whose mission is the same as Ernie's, Linda's and mine: to help people. I enjoy learning something new every day. I am empowered to make a difference in the lives of the people around me. When I have questions, there is someone with answers. I am fortunate to be part of the Emory family and I hope you feel the same.

I went to Linda's service not really knowing what to expect. I left inspired by the possibilities of life and the rewards of a life lived well. I hope that her spirit will inspire you too.

- John Votaw, PhD,  
Vice Chair for Research



# EMORY RADIOLOGY ON TOUR

## IMAGES OF AFGHANISTAN

Kabul, Afghanistan - I am a Hospital Corpsman Chief in the Naval Reserve, and a Staff Technologist at the Emory Orthopedic and Spine Center. I am currently deployed in support of NATO Training Mission Afghanistan, as part of the Combined Security Transition Command Afghanistan. More specifically, I am a member of the Medical Training Advisory Group, working as a Radiology Tech Mentor at the Afghan National Police Hospital. I want to share a little glimpse of Radiology in Afghanistan.

Our basic goal is to advise and assist the Afghan people in the process of improving the level of care in the Afghan National Army (ANA) and Afghan National Police (ANP) hospital systems. These improvements must be accomplished in ways that are sustainable long term by the Afghan government. This means looking at health/care delivery through a different lens than most of us are accustomed to.

There are three ANP facilities in Afghanistan that have X-ray capability, with eight technologists throughout the country. The National ANP Hospital in Kabul has one diagnostic X-ray Room staffed with six technologists. They are currently using a portable X-ray machine with digital processing; however, as recently as a month ago they were using dip tank processing procedures. I am happy to report that digital processing is up and running, increasing both productivity and image quality. The diagnostic images are printed and interpreted

by the ordering physician, since the ANP system does not have trained radiologists. The images are not retained at the facility, but are sent with the patient when they return to their duty station.

We are addressing very basic issues and needs in the department, such as infection control, exam procedures, and continuing education. One of our primary areas of focus is Radiation Safety. This includes issuing radiation badges for technologists, with planned radiation exposure monitoring at least every two months. The Department Head for Radiation Safety and Protection at the Ministry of Public Health will conduct a Radiation Survey and a Radiation Safety Lecture for the technologists.



*Three of the eight technologist in Afghanistan review the possibilities of their new portable X-ray machine.*

There are many needs throughout the hospital system; we will not solve all problems, but through a spirit of acceptance and cooperation, we can make a difference. Creating a productive working relationship with the Afghan people requires patience, respect, and understanding. We must be able to accept our differences, but also recognize that we are alike in many ways.

“Shohna ba shohna--Shoulder to shoulder”

- Kim Landmon  
Chief, USN Radiology Technologist, EUOSH

## AWARDS & RECOGNITION



**Jonathan Nye, PhD**  
Assistant Professor

### American Board of Radiology License in Medical Nuclear Physics

Dr. Jonathan Nye received his American Board of Radiology license in Medical Nuclear Physics. This license recognizes that Dr. Nye has mastered specific qualifications to act as an advisor to physicians regarding the physical aspects of radiation. This license will certify Dr. Nye in a branch of medical physics that deals with therapeutic and diagnostic applications of radionuclides (except those used in sealed sources for therapeutic purposes) and the equipment associated with their production and use, including radiation safety.

# IN THE KNOW

## Quality Corner

### Radiation Safety and Radiation Protection: We are the Experts!

The beginning of our specialty of diagnostic radiology is an interesting one in that it may well be the fastest translational research that medicine has seen. Wilhelm Roentgen discovered the x-ray in 1895; by 1896 early fluoroscopy devices were in clinical use in Europe and the USA. Yet, that same year came the first reports of radiation damage in the form of skin burns. It was not long after that a Radiation Protection Committee was formed to develop safety standards that were as much for the users of the equipment—who became early martyrs to radiation as for patients. These early standards created policies and measures of radiation safety that generally refer to the environment in which we work and use the radiation. The standards included policies and practices of radiation protection that refer to the people we are trying to protect (both our patients and employees).

When we consider our own department's radiation protection practices, we may think about radiation badges, lead aprons, room shielding, patient screening for pregnancy prior to ionizing radiation exams and imaging protocols that are specific to the clinical indication or body part. Our use of radiation badges allows us to monitor our cumulative occupational exposure; we have lead eyeglasses to protect the lens of our eye from repeated doses that could lead to cataract formation; we have shielding in our fluoroscopy rooms and timers to remind us to be aware of the amount of radiation we use and to remember to use the ALARA dose (As Low As Reasonably Achievable). Learning these principles is part of our training; and practicing them is a critical part of our stewardship of radiation for our patients and for all employees at Emory. Managing imaging use includes:

- Quality Control processes to make certain the equipment is functioning properly.
- Quality Assurance processes to ensure that what we think we are doing is actually what we are doing (e.g., ultrasound protocol audits and report template audits).
- Quality Improvement processes: as professionals, we are continuously working to make patient imaging care better (e.g., exam optimization).

We have begun a new quality improvement process by enrolling in the American College of Radiology CT Dose Index Registry. The CT exams we perform will be de-identified and sent to the ACR to compare our doses to other departments with similar patients. The goal is to optimize our CT protocols. Stay tuned.

The department also cooperates with other Emory entities to improve quality. A recent example of this is our work with Mike Dubose of the Emory Environmental Health and Safety Office (EHSO) to evaluate a new technology for measuring patient skin dose during IR exams. This technology was evaluated at EUH in multiple areas and was found to be more accurate than the dose readings from the machines (except in CT). We believe this knowledge can help us manage and avoid skin burns while we provide highly complex interventional radiology procedures.

Our commitment to quality is evident in all you do as we strive to deliver on our vision of Transforming Health and Healing Together.

-Kimberly Applegate, MD  
Vice Chair for Quality & Safety

## Scientific Grant Review Board

In the spring of 2006, the Radiology Department organized the Department Grant Review Board to help investigators strengthen their grants. Before sending in your next application, take advantage of the opportunity to have your submission reviewed by a panel of experienced grant writers.

**Step 1** - Create a time line that allows the team 7 business days to review your grant.

**Step 2** - Submit, via e-mail, your grant to Dr. John Votaw (John.Votaw@Emory.edu), who will distribute the grant to appropriate reviewers.

**Step 3** - Take the suggestions from the Grant Review Board and make the appropriate changes. (Be sure to give yourself sufficient time to implement the changes!)

**Step 4** - Submit your grant.

Increase the chances of being awarded funds by taking the time to have your submission reviewed by the Grant Review Board.

# STRIVING FOR EXCELLENCE

## Serving Right

About a year ago a book club was formed in Radiology that meets bi-monthly. Most of the members are from various areas in Radiology and I have the privilege of belonging to this club. Last month we read a book from the “Walk the Talk” series by Steve Ventura. The book is titled “Serve Right”; it is about customer service and how to live it.

The book is straightforward, a quick read. There are 25 to do’s in the book with examples of how to live the item or not; there are good examples and some not so good! Several of these are common sense; we’ve experienced them and can offer up our own examples.

A few reminders are:

- put the customer first
- respect his/her time
- never let the customer feel invisible
- if we have to tell the customer something we can’t do then also tell him/her something we can do.

At the end of the book there is a self assessment quiz; 25 questions that are answered with a yes or no. Below are a few of the questions. Take a few minutes to see how you would answer them:

- I always acknowledge customers who are waiting for service and let them know I’ll be with them as soon as possible.

- If I have to tell customers that I can’t do what they want, I always also state what I CAN do for them.
- When customers are frustrated and upset, I typically remain calm and avoid taking their words and behaviors personally.
- I understand that I have internal customers as well as external ones. And I consistently provide these “insiders” with the same high quality service that I offer to patrons from “the outside”.
- I help others serve. Besides taking care of my customers, I pitch in and help my co-workers serve their customers whenever I can.
- I got into the customer service business – and I stay in it – because I truly enjoy helping other people.
- I make sure that I consistently serve with integrity. When it comes to our organizational values, operating principles, ethical guidelines and service guarantees, I WALK THE TALK.

If you answered no to any of these questions you might want to spend some time thinking about them to improve your service success. For those who answered yes – Congratulations and keep doing what you’re doing!

- Jane Vitali

*Assistant Director of Imaging Services, The Emory Clinic*

## Updates from Imaging Applications Support (IAS)

### Robust Training

As the new Radiology Informatics Trainer, my role is to build a more robust training program for the Radiology Department.

In July, we successfully completed applications training for the new group of attendings, fellows and residents. We covered GE PACS, RadNet, Powerchart and Powerscribe. Since time is limited during Radiology Orientation, we will be visiting the Reading Rooms during the year offering advanced applications training.

Another opportunity to learn and provide input is at the IS/Tech Committee meetings. These meetings take place in AG 04 on the first Wednesday of each month, at 7AM, before the Grand Rounds.

**Radiology Reading Room Training** days are as follows:

Neuro (EUH)	8:00am-12:00pm	September 8 <sup>th</sup> (Thursday)
Body (EUH)	8:00am-12:00pm	September 13 <sup>th</sup> (Tuesday)
Body (TEC)	8:00am-12:00pm	September 20 <sup>th</sup> (Tuesday)
Body (EUHM)	8:00am-12:00pm	September 27 <sup>th</sup> (Tuesday)
Glenn Auditorium (EUHM)	2:00pm	On Tuesdays

We will be visiting all Radiology Reading Rooms. The upcoming scheduled Reading Rooms and training dates will be posted in the Reading Rooms and the Rad Report.

- Wendy Lybrand

*Radiology Informatics Trainer*

## CHECK IT OUT

Manatunga AK, Binongo JNG, Taylor AT. [Computer-aided diagnosis of renal obstruction: utility of log-linear modeling versus standard ROC and kappa analysis.](#) *EJNMMI Research.* 2011;1:5

Xiangyang Tang, Yi Yang, and Shaojie Tang. [Characterization of imaging performance in differential phase contrast CT compared with the conventional CT—Noise power spectrum NPS\(k\).](#) *Medical Physics.* 2011 July;38 (7) 4386-4395

# RADIOLOGY RESIDENT INTRODUCTIONS

This is an exciting time of the year when the Radiology Department has a chance to welcome the new residents. This group offers new energy and talent as they begin the process of becoming radiologists.



## Ashley Alexander, MD

*Medical School:* Case Western Reserve University SOM  
*Interesting fact:* Ashley is an avid runner and ran the St. Louis Marathon. She also enjoys cooking, reading and has studied abroad in Poland.



## Emilio Lopez, MD

*Medical School:* University of Miami SOM  
*Interesting fact:* Exercising, fishing and sports are Emilio's favorite hobbies.



## Ryan Buss, MD

*Medical School:* Emory University SOM  
*Interesting fact:* Ryan grew up in Iowa, and enjoys cooking. He enjoys spending time with his wife and new baby.



## Matthew McDermott, MD

*Medical School:* Medical University of South Carolina College of Medicine  
*Interesting fact:* Matthew likes to experience different cultures through traveling. During his spare time he loves to read and brew tea.



## Leah Weitz Carlson, MD

*Medical School:* Wayne State University SOM  
*Interesting fact:* Leah finished 10<sup>th</sup> in the state of Michigan for High School skiing. She loves scuba diving, hiking and photography.



## Adam Prater, MD

*Medical School:* Emory University SOM  
*Interesting fact:* Adam has run many marathons at Disney World. He also enjoys bee-keeping.



## Ivan DeQuesada, MD

*Medical School:* University of Florida College of Medicine  
*Interesting fact:* Ivan enjoys watching sci-fi movies and reading books about physics. He can speak Spanish and Japanese.



## Bradley Rostad, MD

*Medical School:* Emory University SOM  
*Interesting fact:* Brad loves to create 3D computer graphics. He also enjoys country music and his favorite color is blue.



## Eleza Golden, MD

*Medical School:* New York University SOM  
*Interesting fact:* Eleza aspires to learn Chinese. She lived in Rennes, France when she was a junior in high school. Eleza enjoys running and skiing.



## Marae Shewmaker, MD

*Medical School:* Emory University SOM  
*Interesting fact:* Marae loves to spoil her Kerry Blue Terrier named Keelyn.



## Robert "Bob" Hosker, MD

*Medical School:* University of South Carolina College of Medicine  
*Interesting fact:* Bob enjoys traveling, photography, golf and spending time with family.



## Juan "Johnny" Telleria, MD

*Medical School:* University of Miami SOM  
*Interesting fact:* Fishing, traveling and sports are a few of Juan's favorite activities. His favorite sports teams are the Miami Dolphins and Miami Heat.



## Pavan Kavali, MD

*Medical School:* Morehouse SOM  
*Interesting fact:* Pavan shares a birthday with Vice President Joe Biden.



## Mark Green, MD

*Medical School:* Medical College of Georgia  
*Interesting fact:* Mark played drums for two rock bands while in school. He enjoys music, saltwater fishing and collecting vinyl records.



## Travis Langley, MD

*Medical School:* University of Michigan SOM  
*Interesting fact:* Travis was a member of the Emory University baseball team as an undergrad.



## Thomas Loehfelm, MD

*Medical School:* University of Buffalo State SOM  
*Interesting fact:* Thomas is knowledgeable in biofilms. In his spare time he likes to read books and watch television.



## Bitat Savir-Baruch, MD

*Medical School:* Semmelweis University  
*Subspecialty:* Nuclear Medicine  
*Interesting fact:* Bitat enjoys making candles and cards for family and friends.

# INTRODUCING THE RADIOLOGY FELLOWS

Welcome Fellows! We are happy to recognize those who have continued to grow here at Emory following their residency program and welcome those who are bringing fresh initiative as they join the Radiology Department.

## Abdominal Imaging



### Kiran Maddu, MD

*Medical School:* Rangaraya Medical College, India  
*Residency:* Rangaraya Medical College  
*Interesting fact:* Kiran enjoys reading philosophy books.



### Sadhna Nandwana, MD

*Medical School:* Rush Medical College  
*Residency:* Beth Israel Deaconess Medical Center  
*Interesting fact:* Sadhna was a religion major as an undergraduate



### Nimesh Patel, MD

*Medical School:* Rush Medical College  
*Residency:* Emory University SOM  
*Interesting:* Nimesh loves to travel. He has traveled to 17 different countries.



### Sanjit Peter, MD

*Medical School:* Indiana University SOM  
*Residency:* University of Louisville  
*Interesting fact:* Sanjit loves music and is learning how to play the guitar.



### Keith Tomich, MD

*Medical School:* University of Alabama SOM  
*Residency:* Emory University SOM  
*Interesting fact:* Keith is a classically trained pianist. He is also a huge football fan.

## Nuclear Radiology



### Aruna Polsani, MD

*Medical School:* Kasturba Medical College, India  
*Residency:* Emory University SOM  
*Interesting fact:* Aruna enjoys cooking Indian food and has traveled to 10 states.

## Musculoskeletal



### Adam Abou-Elias, MD

*Medical School:* University of Massachusetts SOM  
*Residency:* Harvard Medical School  
*Interesting fact:* Adam participated in a hot dog eating contest.



### Tarek Hanna MD

*Medical School:* Emory University SOM  
*Residency:* Emory University SOM  
*Interesting fact:* Tarek was born in Beirut, Lebanon. He has an identical twin brother.



### Michael "Kevin" Collins, MD

*Medical School:* Medical College of Georgia  
*Residency:* Emory University SOM  
*Interesting fact:* Prior to Michael's residency, he was an emergency room physician.



### George William "Croft" Stone, MD

*Medical School:* University of South Carolina College of Medicine  
*Residency:* Memorial Health  
*Interesting fact:* Enjoys spending time with friends and family.

## Breast Imaging



### Hana Khan, MD

*Medical School:* Baylor College of Medicine  
*Residency:* Baylor College of Medicine  
*Interesting fact:* Hana is expecting her first baby this year.



### Sachin Parikh, MD

*Medical School:* University of Missouri  
*Residency:* Baylor University Medical Center  
*Interesting fact:* Sachin enjoys "Fantasy Football."



### Joanna Rossi, MD SOM

*Medical School:* Loyola University  
*Residency:* University of Chicago  
*Interesting fact:* Joanna enjoys poetry, yoga, tai chi and photography.

# INTRODUCING THE RADIOLOGY FELLOWS

Welcome Fellows! We are happy to recognize those who have continued to grow here at Emory following their residency program and welcome those who are bringing fresh initiative as they join the Radiology Department.

## Emergency Radiology



### Justin Rafael, MD

*Medical School:* Temple University SOM  
*Residency:* North Shore University Hospital  
*Interesting fact:* Justin jumped off a 65 foot cliff in Koh Phi Phi, Thailand to conquer his fear of heights.

## MR Body Imaging



### Surya Chundru, MD

*Medical School:* Adichunchanagiri Institute of Medical Sciences, India  
*Residency:* Saint Vincent Hospital  
*Interesting fact:* Surya is a Steelers fan and is the Facebook administrator of "The Steel Curtain."

## Neuro Interventional



### Daniel Case, MD

*Medical School:* Johns Hopkins  
*Residency:* Baystate Tufts Medical Center  
*Interesting fact:* Prior to college, Daniel was Sergeant Case in the 2nd/75th Airborne Rangers.

## Pediatric



### Marianne Mullin Ballisty, MD

*Medical School:* Louisiana State University  
*Residency:* Emory University SOM  
*Interesting fact:* Marianne's husband is a meteorologist.



### Hamilton Reavey MD

*Medical School:* Emory University SOM  
*Residency:* Emory University SOM  
*Interesting fact:* Hamilton's husband Kevin is a military service member stationed in Iraq. Her family can't wait for him to come home.



### Edward Richer, MD

*Medical School:* University of Cincinnati  
*Residency:* Emory University SOM  
*Interesting fact:* Edward is an avid runner. He has run three marathons.

## Neuroradiology



### Abhijit Datir, MD

*Medical School:* Nagpur Medical School  
*Residency:* Mumbai Medical School  
*Interesting fact:* Abhijit likes to stay active. He enjoys cricket, soccer and movies.



### Hemali Desai MD

*Medical School:* Government Medical School, India  
*Residency:* Newark Beth Israel Hospital  
*Interesting fact:* Hemali likes to listen to music and dance.



### Douglas Lukins, MD

*Medical School:* Indiana University SOM  
*Residency:* Michigan State University  
*Interesting fact:* Douglas enjoys brewing his own beer.



### Michael Markovic, MD

*Medical School:* Case Western Reserve University  
*Residency:* Metro Health Hospital Cleveland  
*Interesting fact:* Michael enjoys studying reptiles and amphibians.



### Hasmukh Prajapati, MD

*Medical School:* Gujarat University, India  
*Residency:* Metro Health Hospital  
*Interesting fact:* Hasmukh likes to play tennis and cricket. He is fluent in four languages.



### Adeel Sabir, MD

*Medical School:* Aga Khan University, Pakistan  
*Residency:* Yale New Haven Hospital  
*Interesting fact:* Adeel and his wife will be expecting their first baby in November.



### Sabrina Talbott, MD

*Medical School:* University of Louisville, Kentucky  
*Residency:* University of Louisville, Kentucky  
*Interesting fact:* Sabrina has an identical twin that lives in Buckhead.



### Abdul-Rahman Tarabishy, MD

*Medical School:* Jordan University  
*Residency:* Wayne State University  
*Interesting fact:* Abdul enjoys traveling and spending time with his family.



# INTRODUCING THE RADIOLOGY FELLOWS

## Vascular Interventional Radiology



### Thomas Fahrbach, MD

*Medical School:* University of Kansas SOM  
*Residency:* University of Kansas SOM  
*Interesting fact:* Thomas enjoys watching college basketball and likes to fish.



### Gregg Franco, MD

*Medical School:* Drexel University  
*Residency:* Boston Medical Center  
*Interesting fact:* Gregg likes to sail during the summer. He also enjoys soccer.



### Ian Fischer, MD

*Medical School:* University of Oklahoma  
*Residency:* University of Cincinnati  
*Interesting fact:* Ian is a wedding singer during his spare time.



### James Hart, MD

*Medical School:* Rosalind Franklin University  
*Residency:* Henry Ford Hospital  
*Interesting fact:* James ran the Boston marathon.



### Matthew Ford, MD

*Medical School:* University of Michigan SOM  
*Residency:* University of Michigan Hospital  
*Interesting fact:* Matthew is an Eagle Scout for American Boys Scout.



### Darren Kies, MD

*Medical School:* Tulane University SOM  
*Residency:* University of North Carolina  
*Interesting fact:* Darren and his wife moved to Atlanta two days after his son was born.

## NEW FACULTY



### Falgun Chokshi, MD

Assistant Professor - Neuroradiology

Dr. Chokshi earned his medical degree at the New York Medical College. He furthered his education by completing his radiology residency at Jackson Memorial Hospital and completing his Neuroradiology fellowship at Johns Hopkins Hospital.

Dr. Chokshi has been consistently involved in a range of educational and research projects during his residency and fellowship, including a study of utility of high resolution magnetic resonance imaging in the evaluation of skull based encephaloceles. His most recent publication is titled, "64 MDCT-Angiography of Blunt Vascular Injuries of the Neck," in the American Journal of Roentgenology. In addition to advanced neuroimaging techniques, such as susceptibility-weighted and diffusion-tensor imaging, Dr. Chokshi has interests in emergency neuroradiology, head and neck imaging and neuroimaging of aging.



### Travis Henry, MD

Assistant Professor - Cardiothoracic

Dr. Henry completed his Diagnostic Radiology Residency and his Fellowship in Cardiothoracic Radiology at the Mallinckrodt Institute of Radiology at Washington University in Saint Louis prior to joining Emory University. During his Diagnostic Radiology Residency he became Chief Resident.

Dr. Henry's fellowship research on the CT Features of North American Paragonimiasis was presented at the 2011 Society of Thoracic Radiology annual meeting and is currently under review for publication. He has done additional work in radiology education such as, education exhibits, internal teaching files, and presentations. He was a presenter at the Electronic Education Exhibit RSNA 2009. Dr. Henry is an active member of the Society of Thoracic Radiology and North American Society for Cardiovascular Imaging.

## NEW FACULTY *Continued*



### **Eric B. Friedberg, MD**

Assistant Professor - Community Specialists

Dr. Friedberg received NIH and Measey Foundation Grants, while a medical student at Hahnemann University, to undertake a research year in the Department of Neurosurgery at the University of Pennsylvania. He completed his Radiology Residency and Interventional Radiology fellowship at Columbia-Presbyterian Medical Center in New York. During his residency, Dr. Friedberg was awarded the Ross Golden Resident Research Award. Following fellowship, Dr. Friedberg joined the Columbia-Presbyterian faculty as Assistant Professor in the Interventional Division. In 2000,

Dr. Friedberg joined a private practice group in New Jersey, where he became a partner, until returning to Columbia in 2009 for a MRI fellowship. Dr. Friedberg has been active in the ACR and served on the Executive Committee for the Radiological Society of NJ as the office of Treasurer. In addition, Dr. Friedberg has been active in community service, serving as a trustee for both the Mountainside Health Foundation and the Mountainside Hospital Foundation Board.



### **John F. Holbrook, MD**

Assistant Professor - Community Specialists

Dr. Holbrook received his medical degree from the University of Tennessee Health Science Center. He continued his education by completing his Diagnostic Radiology Residency at the University of Florida Health Science Center, where he was Chief Resident from 2008 to 2009.

His clinical interests include spine imaging and procedures, and he offers CT guided nerve root, facet and epidural injections. Dr. Holbrook furthered his career with a Neuroradiology Fellowship at Duke University Medical Center. During his residency, Dr. Holbrook received the Excellence in Medical Education Award, Professionalism Award and Dr. Robert Miller Dedication Award. He is also interested in information technology.



### **Paul Harkey, MD**

Assistant Professor -Community Specialists

Dr. Harkey received his medical degree from Northeastern Ohio University's College of Medicine. He furthered his education by completing a Diagnostic Radiology Residency at Metrohealth Medical Center/ Case Western Reserve University, where he was elected as Chief Resident in 2009. As Chief Resident, he developed and implemented new strategies for department work flow.

Following his residency, he completed the Musculoskeletal Imaging Fellowship at Emory University. Dr. Harkey's research endeavors have led to several presentations at national meetings. Dr. Harkey presented at the Radiology Journal Club regarding Early-Stage Hepatocellular Carcinoma. He served as a member on the Radiology Research Committee and Graduate Medical Education Committee.



### **Tarak Patel MD**

Assistant Professor - Interventional Radiology

Dr. Patel joins us after having completed his Radiology Residency and Interventional Radiology Fellowship at Johns Hopkins Hospital. He served as Chief Resident during his residency.

Prior to his residency, he received his Medical Degree from Universidad Iberoamericana in Santo Domingo, Dominican Republic, and completed an NIH funded research fellowship in Image Guided Interventions at the Johns Hopkins Hospital. His research focused specifically on developing novel therapy options for peripheral arterial disease in the limbs.



### **Maria Piraner, MD,**

Assistant Professor - Community Specialists

Dr. Piraner completed her fellowship in Women's Imaging at Vanderbilt University in Nashville, TN. Prior to her fellowship, she received her medical degree from Emory University School of Medicine and then completed her residency at St. Luke's-Roosevelt Hospital Center in New York City.

During her residency, she was elected Chief Radiology Resident in 2008 and was a member of the Education Committee in the Department of Radiology. Her publication during her residency included a case study titled, "Adverse Events in a Free Standing Radiology Office." For three years, Dr. Piraner was the supervisor of the moonlighting services at St. Luke's-Roosevelt. Professional interests include Breast Imaging, Sonography, Women's Imaging, Quality control and improvement.



### **Freddie R. Swain, MD**

Assistant Professor - Emergency Radiology

After receiving his medical degree from Case Western Reserve University, Dr. Swain completed his Radiology Residency at St. Vincent's Medical Center in Bridgeport, Connecticut. Subsequently, he completed a Musculoskeletal Fellowship at Columbia University Medical Center in New York City.

Dr. Swain has performed Cardiovascular research at Harvard Medical School; designing experiments to study hypertrophy of cardiac muscle induced by drugs. He also analyzed Telemetry and Conscience EKG data for fatal heart arrhythmias. Dr. Swain has also focused on Dermatology research, where he performed clinical trials to determine photoprotective cream efficacy, preparing skin biopsies for immunofluorescent staining and examined ultraviolet radiation immunosuppression.

## NEW FACULTY



### Gamaliel Lorenzo, MD

Instructor - Neuroradiology

Dr. Lorenzo completed his medical degree and Radiology Residency at Tufts University School of Medicine. He is studying neuroradiology for a 2<sup>nd</sup> year at Emory University Hospital.

During his first year of the neuroradiology fellowship he researched diagnostic utility of ultrasound-guided fine needle aspiration in the neck (non-thyroid gland). In 2010, he presented at the American Society of Head and Neck Radiology in Houston, TX. His clinical interests include spine imaging and procedures.



### Vikran Smith, MD

Research Associate - Lab

Dr. Smith began his medical education at Spartan Health Sciences University in Vieux Fort, St. Lucia and received his MD from St. Christopher's IMD College of Medicine in Luton, England. While in Medical School he was Chief Medical Intern for Magnolia Medical Clinic assisting in phlebotomy, EKG, X-ray, therapeutic injections and laceration repairs.



### Jian Kang, MD

Statistician

Dr. Kang received his PhD in Biostatistics at the University of Michigan, Ann Arbor. He has advanced training in developing statistical models and computational tools for neuroimaging data analyses. Dr. Kang's research interest includes Bayesian methods, spatial statistics, functional data analysis and high dimensional data analysis with applications in imaging and other biomedical sciences.

## EXPANDED SERVICES

### BIC Expansion to all Digital

"A one stop convenience," is what the staff at the Breast Imaging Center (BIC) is raving about these days. Customers can now receive mammography, screening and diagnostic testing at one location. In June of this year (2011), the mammography and breast imaging services at 1525 Clifton Road, combined with the Breast Imaging Center at the Winship Cancer Institute. Combining both services in one location allows for greater productivity for customers and technologists, to move from testing, screening and mammography without leaving the facility. Customers can progress from routine screening mammography to diagnostic follow-up testing including ultrasound, MRI, and stereotactic biopsy at one location. Ruby Alexander, Mammography Tech Clinician states, "It truly is about the customer and how we can better serve their needs. With both locations combined we are able to eliminate our cost, while providing a fast turnaround. Our customers are adapting to the change well." To make the move more suitable, BIC offers free valet parking to screening mammography customers. The valet parking eliminates

potential concerns customers may have had in regards to parking. In addition to a new combined facility, the Breast Imaging Center is completely filmless. Becoming filmless opened the door for state of the art digital imaging. This filmless atmosphere enables the images to be viewed in the exam room allowing technologists to confirm that each image is within the ACR guidelines. With a newly updated facility, the Breast Imaging Center will continue to provide customers with the highest quality of mammographic services in an efficient manner.



*With brand new hardwood floors, freshly painted walls and new technology, the upgraded exam room awaits for patients.*

## HR Tip

### Contacting HR

Each individual in our thriving department has specific needs that may be met by a team of various human resource experts. Please see the list below to determine the appropriate contact person to assist you:

#### EMORY UNIVERSITY FACULTY AND STAFF:

- Season Lewis,  
Human Resources Associate  
404-778-5468 or [salewis@emory.edu](mailto:salewis@emory.edu)

#### EMORY HEALTHCARE EMPLOYEES:

- Ann Lear, Compensation and Recognition Program, Director  
404-686-2836 or [ann.lear@emoryhealthcare.org](mailto:ann.lear@emoryhealthcare.org)
- Anne Nelson, Organizational Development and Learning Services, Director  
404-712-0180 or [anne.nelson@emoryhealthcare.org](mailto:anne.nelson@emoryhealthcare.org)
- Darlene Wade, Benefits and HRIS, Director  
404-686-5628 or [darlene.wade@emoryhealthcare.org](mailto:darlene.wade@emoryhealthcare.org)
- Sharon Mitchell, Employee Relations, Human Resources Manager  
404-686-2612 or [sharon.mitchell@emoryhealthcare.org](mailto:sharon.mitchell@emoryhealthcare.org)
- Adair Maller, Recruitment and Retention, Director  
404-712-4871 or [adair.maller@emoryhealthcare.org](mailto:adair.maller@emoryhealthcare.org)

## NEW FACES & APPOINTMENTS



### Melissa Bayliss

Human Resource Specialist - EUH

After four years as a recruiter for Emory University, Melissa Bayliss joins the Department of Radiology as an active member of the Human Resource team. She has eight years of Human Resource experience. Prior to Emory, Melissa gained experience as an HR Generalist at John Wieland Homes. Melissa received her BA degree from Georgia Tech University.



### Jacqueline Daniels-Gamblin

Administrative Assistant- EUH

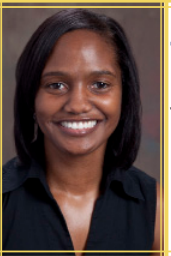
Jacqueline brings 15 years of administrative experience to our department. Prior to Emory she worked in the Transportation and Logistics Industry. Jacqueline earned her degree at Royal Society of Arts in London, England. She has resided in Atlanta for 10 years and is an active member in the community.



### Camille Dingle, MBA

Communications Specialist - EUH

Camille received her Bachelor's degree in Marketing from Francis Marion University, South Carolina. In 2010, she furthered her education by obtaining her Master's in Business Administration. Camille gained marketing and communications experience with a non-profit organization and the Department of Defense.



### Joy Schaffers

Physician Assistant- EUH

Joy received her Master's in Medical Science from Emory University. She joins the department with experience in Internal Medicine and Anticoagulation management. Joy has worked at Emory for almost three years. She is an active member of the Georgia Association for Physician Assistants.



### Debra "Deb" Smith

Associate Clinical Administrator for Quality- EUH

Deb has eight years of project management experience. She also has experience as a clinical research lab director. She received her MBA from Emory Goizueta Business School. Deb's areas of focus is Quality Council, Quality committees and divisional PQI programs that are aligned with Emory Healthcare quality goals.

## Radiology Calendar

### Week of August 15, 2011

No Grand Rounds

Research In Progress Series (RIPS)-  
No RIPS Lecture

### Week of August 22, 2011

Wed., August 24 –

Grand Rounds - Matt O'Donnell, PhD  
Distinguished Lecturer

Research In Progress Series (RIPS)-  
No RIPS Lecture

### Week of August 29, 2011

Wed., August 31 –

Grand Rounds - Donna Magid M.D., M.Ed  
*Education Issues*

Research In Progress Series (RIPS)-  
No RIPS Lecture

### Week of September 5, 2011

Wed., September 7 –

Grand Rounds - Awards Ceremony

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

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