

August, 2012

## Advancing Technology: Interventional MRI Guided Prostate Ablation

Dr. Sherif Nour has been a leader in the use of Interventional MRI, and is now the first in the Southeast to use this technology to perform an MR-guided prostate ablation. The use of newly implemented multiparametric MRI of the prostate allows him to pinpoint the precise location of the cancer area to verify that the procedure should take place. He then uses interventional MRI technology to selectively target and laser ablate the tumor while maintaining the integrity of the rest of the prostate gland. This innovative approach has given piece of mind and a significantly shorter recovery time to his patients.

MRI-guided laser ablation of the prostate is an outpatient procedure performed under sedation that can range from 3-4 hours, a diagnostic high-resolution scan done. The first 30 minutes is used for imaging to verify that the procedure is needed and the location of the tumor. Because prostate cancer may be multifocal, identifying the primary lesion is very important for a successful outcome. The following hour is the actual procedure when the physician will ablate the source

lesion using live images to guide the laser fiber to the exact area, saving the rest of the prostate. Dr. Nour uses a multi-parametric MRI, that utilizes four types of sequences to collectively identify the area of the lesion. Before releasing the patient, Dr. Nour performs an additional 30 minutes of imaging to verify that the malignant areas have been addressed.

Dr. Nour performed the first interventional MR prostate ablation at Emory on April 19th of this year. The patient described this treatment procedure as being more easily tolerated than the 12-core ultrasound guided biopsy he had earlier to obtain the diagnosis. His follow up showed complete resolution of his treated tumor and a drop of his Prostate

Specific Antigen (PSA) level.

Interventional MRI of the prostate can also be used to obtain a targeted biopsy from the area of abnormality if one is seen on high resolution multiparametric diagnostic MRI. This allows obtaining only about three cores rather than the traditional random 12 cores, saving the patient significant discomfort and saving the healthcare system a 75% of the cost of processing the samples.

Interventional MRI of the prostate is the newest application at the Emory's Department of Radiology and Imaging Sciences. The division is representative of the innovative environment fostered at Emory



*MRI-guided laser ablation of the prostate is an outpatient procedure that can range 3-4 hours, consisting of a diagnostic high-resolution scan done under sedation. Dr. Nour uses a multi-parametric MRI, which utilizes four types of sequences to characterize the lesion.*



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University and utilizes three interventional MRI suites for various adult and pediatric applications. The goal of the division is to offer a comprehensive program for state-of-the-art radiation-free image-guided diagnostic and therapeutic minimally invasive interventions. Examples of the services currently offered include deep brain stimulator placement, hippocampal ablation for epilepsy, biopsies of soft tissue and bone tumors that are too small, difficult to approach, or otherwise not visible on standard CT or ultrasound imaging. Laser ablation of cancerous lesions in the liver, kidney, other soft tissues and bones under realtime temperature monitoring, fiducial marker placements to tag tumors for identification during surgery or radiation, sclerotherapy of vascular malformations, and recently prostate interventions.

- Monica Salama  
Sr. Assoc. Director of Programs

## LETTER FROM THE CHAIR

Dear Colleagues,

On June 28<sup>th</sup>, the US Supreme Court ruled on a matter that greatly affects our world. The Patient Protection and Affordability Care Act (PPACA) of 2010 was upheld, including the controversial individual mandate, which compels all citizens to carry health care insurance. The absence of the individual mandate would have made it very challenging to fund key provisions of the law due to loss of the ability to ensure participation by the healthy (for which costs are lower) in shared savings programs, leaving an unsustainable high-risk pool of only those in need of costly care. While PPACA contains

provisions that have had an unfavorable impact on imaging reimbursement, important sources of support provided for in the law include PCORI (the new Patient-Centered Outcomes Research Institute), the Cures Acceleration Network, and the Center for Medicare and Medicaid Innovation (CMMI); the latter is currently supporting a multi-site demonstration project on clinical decision support tools in imaging.

As we move forward in the coming months toward developing the department's next five-year strategic plan for the department, goals for our own readiness

for reform elements in PPACA will substantially guide the process. Indeed, it will be vital for us to align our continued journey with key milestones in the reform path.

Our Service Excellence standards of Safety, Courtesy, Care, Efficiency, and Innovation will also serve us well going forward in the new era of health care reform. Attention to tracking metrics of quality and safety will be increasingly important with incentives for the best patient outcomes. Courtesy and a customer service mindset is the entry point for delivery of the



highest quality patient care. Efficiency will be paramount due to enhanced uninsured patient access to limited health care

resources. And, a central driver of evidence-based services is the innovation in discovery and training that top academic centers like ours bring to patient care. Knowing when and how to apply imaging tools to promptly facilitate diagnosis and therapy with the greatest precision, as always, remains our goal.

Best to all,

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

## MESSAGE FROM THE VICE CHAIR FOR RESEARCH

### Fare Thee Well, Habib

As most of you are aware, August will be the last month at Emory for Habib Tannir, our Department Administrator. I began regularly interacting with him after becoming a member of the Executive Committee a little over two years ago.

In January and February I wrote in the Rad Report about what I had learned since becoming Vice-Chair. One of the things I said was 'people are different' and 'relish these differences'. I might as well have been writing about Habib. Since becoming Vice-Chair I have had many discussions with him. I gave up trying to anticipate what he

would say because nearly every time I was surprised. I learned to present a question or situation and then sit back and wait to see what happened. It would be fair to say that I learned a tremendous amount and found his different perspective to be very helpful. Habib is different (from me) and I relish the difference.

Habib has many traits that I admire including being trustworthy, reliable, honest, straightforward and having the ability to facilely handle difficult conversations. He is tough, but fair, and sets an excellent example for the Service Excellence Institute (SEI). One day we were talking

about SEI and the characteristics of the safe zone. What does safe mean? Does it mean you can say anything without any consequence? I showed him the 'with all due respect' scene from the movie 'Talladega Nights' (look it up on YouTube). We laughed for about five minutes straight as we mimicked Ricky Bobby in a safe zone. Another great trait of Habib is his wonderful sense of humor.



Habib, thanks for bringing a new perspective to me. Thanks for all you've brought to Emory. Good luck in Houston.

- John Votaw, PhD  
Vice Chair for Research

## AWARDS & RECOGNITION

### Breast MRI Accreditation

Emory Johns Creek Hospital

### American College of Radiology (ACR) Accreditation

Emory Johns Creek Hospital recently received accreditation by the ACR for MRI. The ACR has accredited more than 20,000 facilities and has a dedicated staff of certified radiologic technologists to guide providers through the accreditation process. ACR accreditation is a comprehensive, yet flexible process in which special attention is paid to image quality in addition to equipment, quality control procedures, quality assurance programs, and personnel qualifications. (<http://www.acr.org/accreditation.aspx>)

## AWARDS & RECOGNITION



**Santhi Kollengode-Venkitachalapa, MBS**

4<sup>th</sup> year Resident

### The American College of Radiology Case in Point of the Month

Dr. Kollengode's "Atypical bisphosphonate-related subtrochanteric femoral fracture" case was recognized as the American College of Radiology Case in Point (CiP) of the Month. She collaborated with Dr. Terk, Director of Musculoskeletal Imaging, on the case. The CiP offers the opportunity for practitioners to see cases in areas in which an individual practice may be limited, including both rare conditions as well as rare presentations of common disorders.



**Ashley Aiken, MD**

Assistant Professor  
Radiology and Imaging Sciences

### Associate Program Director, Neuroradiology Fellowship

Dr. Aiken recently acquired the role of Associate Director for the Neuroradiology fellowship program. The Department of Radiology and Imaging Sciences has one of the largest Neuroradiology fellowships in the country. This year the division has eight new fellows. Dr. Aiken will work with Dr. Hudgins, Director of Neuroradiology Fellowship, to oversee the program.



**Danielle Terrell**

Administrative Assistant

### Above and Beyond Staff Award

Danielle Terrell was recently nominated for the Above and Beyond Staff Award for her outstanding acts of character. The Emory University School of Medicine (SOM) Staff Development Council initiated this award to recognize and honor staff within the SOM for their integrity, passion, teamwork, productivity and cultural diversity.

## The Academy of Radiology Research Distinguished Investigator Award

The Distinguished Investigator Award was established by the Academy of Radiology Research (ARR) to recognize those faculty in US academic radiology departments who have reached a high level of accomplishment in clinical or basic research in the fields of Radiology and Imaging Sciences. Several of our faculty were nominated by Dr. Meltzer and successfully elected as ARR Distinguished Investigators. Each will become a member of the ARR's Council of Distinguished Investigators. This Council will elect two of its members, one a basic scientist and one a clinical researcher, to serve on the ARR Board of Directors for two year terms.

### **Kimberly Applegate, MD, MS**

Professor of Radiology and Imaging Sciences

### **Carl D'Orsi, MD**

Professor of Radiology and Imaging Sciences

### **Ernest Garcia, PhD**

Professor of Radiology and Imaging Sciences and Endowed Professor of Cardiac Imaging

### **Mark Goodman, PhD**

Professor and Endowed Chair of Imaging Sciences and Hematology and Oncology

### **Kevin Kim, MD**

Associate Professor of Radiology and Imaging Sciences, Obstetrics and Gynecology, Hematology and Medical Oncology and Surgery

### **Hui Mao, PhD**

Associate Professor of Radiology and Imaging Sciences

### **John Oshinski, PhD**

Associate Professor of Radiology and Imaging Sciences

### **Hyunsuk Shim, PhD**

Associate Professor of Radiology and Imaging Sciences

### **Arthur Stillman, MD, PhD**

Professor of Radiology and Imaging Sciences

### **Andrew Taylor, MD**

Professor of Radiology and Imaging Sciences

### **John Votaw, PhD**

Professor and Vice Chair of Radiology and Imaging Sciences

## CHECK IT OUT

**Kollengode S, Terk M.** Atypical bisphosphonate-related subtrochanteric femoral fracture. *ACR Case in Point*. May 31, 2012.

**Tahvildari AM, Atnafu A, Cosco D, Acosta A, Gupta D, Hudgins PA.** Global Health and Radiology: A New Paradigm for US Radiology Resident Training. *J Am Coll Radiol*. 2012 Jul;9(7):516-9.

# STRIVING FOR EXCELLENCE

## To Trust

Can you think of any relationship that can survive without trust? I can – but I would not want to be in it! Positive, healthy relationships need many things to remain viable, but in my opinion, not many are as important as trust. Many of us can agree on this to some extent in our personal relationships, but what about our professional relationships? Many of the essential elements that help sustain personal relationships do not exist in most professional relationships – making trust that much more valuable.

Creating and sustaining a trusting relationship will require an investment of time on the part of all involved individuals. This is time well spent when we consider the benefits of trust in our working relationships. Just as empowerment increases the speed of decision making, trust will promote an environment of timely accomplishment. In Stephen M.R. Covey's book *The Speed of Trust* he tells us that "low trust slows everything – every

decision, every communication, and every relationship".

Let's apply this principle to our everyday working environment. How many people do you interact with every day? What is their role in relationship to yours? What is your role in relationship to theirs? How much of what you do everyday can you accomplish totally on your own? Does anything you do at work require a team effort?

Now let's look at the importance of trust in sustaining these essential relationships. Take a moment to actually answer the questions in the paragraph above. Most of the time we are relying on others more than we are consciously aware of. In his book *The 17 Essential Qualities of a Team Player*, John Maxwell says that, "without trust we are (and function as) a group of individuals – not a team!". Most of us are in positions

where our professional survival causes us to rely on the contribution of others – how unsettling would it be if that reliance was on someone that we did not trust!

Extending earned trust is equally as important as being trusted in our working relationships. To accomplish both, we must value the results that come from our diligence in establishing trust.

How do we go about establishing trust in our working relationships? To start, treat all co-workers with dignity and respect. Always communicate with honesty. Be open to others and their contribution. Make sure that your actions match your words. Make group, team, and organizational decisions – do not be personal agenda driven or self serving. Above all, value honesty, value trust, value others. Over time, some people have a tendency to take for granted that what they love – not so much what they value!



- Mike Armstrong  
Associate Director of Imaging

## GETTING TO KNOW YOU

### Nuclear Cardiology R&D Research Laboratory

Emory's Nuclear Cardiology R&D Laboratory continues to be recognized internationally as one of the top nuclear cardiology laboratories in the world for scientific research and development. The mission of the lab is to research, develop, validate and transfer to widespread use methods for diagnosing heart disease. The lab specializes in developing software algorithms applied to nuclear cardiology and cardiac CT imaging studies. The lab's formula for success has been to procure NIH funding for

the research aspects of the mission, industry funding for the technology transfer to a commercial tool and product royalties for pilot funding of new basic and applied research.

Among the accolades that the Lab received last year, Dr. Garcia was recognized by Emory and our Department with an Endowed Professorship in Cardiac Imaging. He was also recognized by the American Society of Nuclear Cardiology prestigious Mario Verani MD award and key note lecture at their annual meeting in Denver. Dr. Ji Chen, Associate Professor of Radiology and Imaging Sciences, is another key scientist in the lab who continues to be recognized as the leading nuclear cardiology scientist. He has developed new

software methods to assist in the diagnosis and treatment of patients with heart failure, both from using denervation imaging agents (MIBG) to the development of phase analysis methods to measure left ventricular systolic and diastolic dyssynchrony. Recently, Dr. Chen was the designer and co-principal investigator of the GUIDE-CRT clinical trial in China, a 22-center trial co-funded by Medtronic and the Chinese government with the aim to validate Dr. Chen's techniques in guiding Cardiac Resynchronization Therapy. He is also funded by NHLBI to continue this effort.

Dr. Fabio Esteves is working in collaboration with our lab to continue his industry funded research to develop optimal clinical protocols to be used with the novel solid-state, multiple pinhole, dedicated

cardiac camera which may be used for reducing radiation dose and imaging time while providing superior quality images compared to standard techniques. These protocols are also resulting in new quantitative techniques for measuring myocardial hypoperfusion using these devices. On a sad note, this year our lab experienced the untimely death of Dr. Tracy L. Faber, another key member of the lab and a widely recognized expert in 3D cardiac imaging, specifically for the field of fusion of nuclear physiologic images and CT angiography coronary images. Other key members of the lab are Russell Folks BS, RT, David Cooke MSEE, Liudmilla Verdes MD, Daya Manatunga MS, and Nettie Sutton, Administrative Assistant.

- Ernest V. Garcia, PhD,  
Professor of Radiology and  
Imaging Sciences  
Endowed Professor in Cardiac Imaging



The Nuclear Cardiology R&D Laboratory Team is internationally recognized for their scientific research.



## RADIOLOGY SPOTLIGHT

### Resident Andrew Nicholson Makes RSNA Headlines

The Radiological Society of North America (RSNA) Research and Education (R&E) Foundation has awarded a one-year, \$30,000 Research Resident Grant to our third year resident Andrew Nicholson, M.D.. The grant is made possible by the generous support of Bracco Diagnostics. The title of Dr. Nicholson's research project is "In Vivo Imaging of the Neuroprotective Effects of Thombolytically-Inactive tPA." This ambitious project will provide an opportunity for professional and scientific growth for Dr. Nicholson and, ultimately, lead to improvements in patient care—the mission of the RSNA R&E Foundation.

"Dr. Nicholson's project involves the investigation of a common,

clinically important phenomena, the neuroprotective effect of tPA that is not related to thrombolysis, utilizing advanced imaging (microPET-CT) in a small animal model" said Burton P. Drayer, MD, RSNA Past President and member of the R&E Foundation Board of Trustees. "His project exemplifies the innovative potential of young radiology investigators funded by the R&E Foundation and the important opportunity it provides them to play a critical role in the future of translational neuroscience."

Theresa C. McLoud, M.D., chair of the R&E Foundation Board of Trustees, and James P. Borgstede, M.D., chair-elect, expressed their appreciation of investigators like Dr. Nicholson and the donors that make these grants possible. This year the R&E foundation has awarded close to \$3 million



*Dr. Andrew Nicholson was awarded a one year, \$30,000 Research Resident Grant from the RSNA Research and Education Foundation for his research project.*

in grants. RSNA members and contributors to the Foundation should be proud of the research these investigators are pursuing for the benefit of our patients.

- RSNA R&E Foundation  
- Camille Dingle, *Communications Specialist*

## IN THE KNOW

### Quality Corner

#### Have you Read a Policy or Procedure Today?

The number one Service Excellence Standard is Safety. A critical foundation for a safe work and patient environment is the use of policies and procedures (P&P). When followed, well-written P&P support standardization, which for our department means continuity of care across all sites, optimal efficiency, a good understanding of roles and expectations and a way to orient new members of the department to our culture.

We recently completed an update to all departmental P&P. This large and complex project required the effort of department leaders and many subject matter experts across all sites and modalities. Thank you to all who contributed. All departmental P&P were reviewed, then either revised, combined, or eliminated due to redundancy or obsolescence. Sometimes we recognized a need

for a new policy or procedure, or even a revision of an existing policy or procedure (e.g., when we reviewed a sentinel event or safety event and recognized an opportunity to improve our processes). At the onset of the project, there were just over 500 active policies. Today, approximately 170 policies remain. Around 310 were eliminated and about 20 were converted to procedures. Likewise, we began with about 180 procedures. Approximately 120 updated procedures remain, while 60 were eliminated. Going forward, one third of the 290 total P&P will be reviewed each year so that each one will undergo review every three years as required by The Joint Commission.

There are several ways to access our departmental P&P. The official P&P are maintained in Lotus

Notes, a multi-user database application that is available through the EHC Virtual Desktop. All P&P can be accessed via the Intranet, both on the radiology university (password required) and healthcare web sites. Links to each database can be found here: <http://www.ourehc.org/departments/ehcradiology/new-landing-page.html>. Additionally, a binder containing hard copies of key P&P can be found in every reading room and technologists' work stations across the department. All members of the department are strongly encouraged to review these key policies. To view a binder, please see your reading room coordinator or technologist supervisor.

-Kimberly Applegate, MD  
*Director of Practice Quality Improvement*  
-Deb Smith, MBA  
*Associate Clinical Administrator*

# RADIOLOGY RESIDENT INTRODUCTIONS

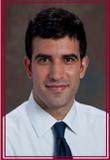
This is an exciting time of the year when the Radiology Department has a chance to welcome the new residents. This group offers new energy and talent as they begin the process of becoming radiologists.



**Keirsun Crockett, MD**

*Medical School:* University of Florida  
College of Medicine

*Interesting fact:* Keirsun is proud to be a descendant of the legendary Davy Crockett.



**Faramarz Edalat, MD**

*Medical School:* Boston University, SOM

*Interesting fact:* Faramarz has many hobbies, which may be why he has never had cable television.



**April Farley, MD**

*Medical School:* Baylor College of Medicine

*Interesting fact:* April loves the fashion and music from the '80s and '90s.



**Daniel Fistere, MD**

*Medical School:* Virginia Commonwealth University  
College of Medicine

*Interesting fact:* Daniel was raised on a farm in Maryland.



**Timothy Hotze, MD**

*Medical School:* University of Texas at  
Southwestern, SOM

*Interesting fact:* Timothy went to veterinary school before switching to human medicine.



**Benjamin Knepper, MD**

*Medical School:* Case Western Reserve University,  
School of Medicine

*Interesting fact:* Ben was lucky enough to fly in a Harrier Jet, but blacked out during the ride.



**Nima Kokabi, MBBS**

*Medical School:* Sydney Medical School  
Sydney, Australia

*Interesting fact:* Nima enjoys watching television sitcoms and going to the movies.



**Sheila Kori, MD**

*Medical School:* The Brody SOM  
East Carolina University

*Interesting fact:* Sheila used to play the trombone.



**Bethany Milliron, MD**

*Medical School:* University of Florida  
College of Medicine

*Interesting fact:* Bethany has never lived further north of Atlanta. She enjoys playing sports and being active.



**Cody Morris, MD, JD**

*Medical School:* University of Illinois  
College of Medicine

*Interesting fact:* Cody has the ability to attract stars. He bumped into Bootsy Collins at the Atlanta Airport last year.



**Brittany Nagy, MD**

*Medical School:* Drexel University  
College of Medicine

*Interesting fact:* Brittany is the youngest of four children. She loves to ski despite being a Floridian.



**Sean Necessary, MD**

*Medical School:* University of Arkansas for  
Medical Science

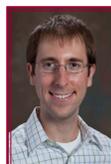
*Interesting fact:* Sean admires creative hairstyles. He used to have dreadlocks.



**Jay A. Patel, MD**

*Medical School:* University of Tennessee Health  
Sciences Center

*Interesting fact:* Jay does not like to wear socks with his dress shoes.



**Mark Trahan, MD**

*Medical School:* Louisiana State University

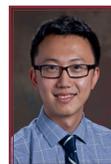
*Interesting fact:* Mark enjoys woodworking. He built a boat in the past.



**Arvind Vijayasarathi, MD, PhD, MBA**

*Medical School:* University of Arizona  
College of Medicine

*Interesting fact:* Arvind is a vegetarian, yet he has not prepared a meal since age 18. He has substituted fast food for the past seven years.



**Xin Ye, MD**

*Medical School:* UCLA David Geffen, SOM

*Interesting fact:* In high school Xin worked on a practice accelerator and ironically decided physics wasn't for him.



**Margaret "Meg" Fleming, MD**

*Medical School:* University of Southern California

*Interesting fact:* Meg has two English Bulldogs. She enjoys hiking, travel and photography.



**Neil Shah, MD**

*Medical School:* Emory University, SOM

*Interesting fact:* Neil and his family competed in the Family Feud TV game show.

2<sup>nd</sup> Year Residents

# 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.

## Neuro Interventional



**Pankajavalli Ramakrishnan, MD, PhD**  
*Medical School:* Albert Einstein College of Medicine  
*Residency:* Partners (MGH and BWH) Neurology  
*Interesting fact:* Pankajavalli is very adventurous. One of her most recent adventures is walking across an active volcano.



**Patrick Youssef, MD**  
*Medical School:* State University of New York  
 Medicine and Biomedical Science  
*Residency:* Georgia Health Sciences University  
*Interesting fact:* Patrick is an avid world traveler. He is multilingual and was voted most likely to succeed while in elementary school.

## Emergency Radiology



**Kiran Maddu, MD**  
*Medical School:* Rangaraya Medical College  
 Karnataka, India  
*Residency:* Rangaraya Medical College  
*Interesting fact:* Kiran enjoys watching Cricket and reading books on human relations and philosophy.



**Anuj Tewari, MD**  
*Medical School:* Mercer University SOM  
*Residency:* Baptist Health System  
*Interesting fact:* Anuj studied architecture before going to medical school. He also is an avid traveler.

## Cardiothoracic



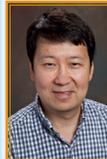
**Douglas Bober, MD**  
*Medical School:* Dartmouth Medical College  
*Residency:* State University of New York  
*Interesting fact:* Douglas enjoys spending time with his family. He has two grandchildren who live in Atlanta.

## MR Body Imaging



**John Chenevey, MD**  
*Medical School:* Emory University SOM  
*Residency:* Emory University SOM  
*Interesting fact:* John has traveled to six of seven continents. He was also an avid soccer player in college.

## Nuclear Medicine



**Jin "Terry" Lim, MD**  
*Medical School:* University at Buffalo  
 SOM and Biomedical Sciences  
*Subspecialty:* Nuclear Medicine  
*Interesting fact:* Terry worked at a major New York City museum as an instructor for paper folding.



**Chester Harrison, MD**  
*Medical School:* Rush Medical College  
*Subspecialty:* Nuclear Medicine  
*Interesting fact:* This past June, Chester was married in Malaysia where his wife is from. He was able to experience a traditional Malay wedding.



**Hamilton Reavey, MD**  
*Medical School:* Emory University, SOM  
*Subspecialty:* Nuclear Medicine  
*Interesting fact:* Hamilton's husband Kevin is a military service member. He has served a tour in Iraq.

## Breast Imaging



**Jennifer Gillis, MD**  
*Medical School:* University of Vermont  
 College of Medicine  
*Residency:* University of Virginia SOM  
*Interesting fact:* Jennifer became SCUBA certified last summer and was able to night dive with manta rays off the coast of Hawaii.



**Bhavika Patel, MD**  
*Medical School:* University of Arizona  
 College of Medicine  
*Residency:* Emory University SOM  
*Interesting fact:* This past January, Bhavika married her best friend who has the same name as her mother, Ranjan.



**Kyungmin Shin, MD**  
*Medical School:* Wake Forest University SOM  
*Residency:* University of Virginia SOM  
*Interesting fact:* Kyungmin is from Korea and she is a world traveler.



**Dayman Tuscano, MD**  
*Medical School:* University of Miami SOM  
*Residency:* Emory University SOM  
*Interesting fact:* Dayman's three sons keep him active. He enjoys spending time with them and participating in outdoor activities.

# INTRODUCING THE RADIOLOGY FELLOWS

## Musculoskeletal



### Abhijit Datar, MD

*Medical School:* Nagpur Medical School  
Nagpur, India

*Residency:* Mumbai Medical School

*Interesting fact:* Abhijit likes to stay active. He enjoys cricket, soccer and movies.



### Liang "Sean" Gu, MD

*Medical School:* Medical College of Georgia

*Residency:* Emory University SOM

*Interesting fact:* Ironically Sean's undergraduate degree was in Economics from Emory University.



### Karan Kapoor, MD

*Medical School:* All India Institute of Medical Science

*Residency:* Long Island College Hospital

*Interesting fact:* Karan is an avid cricket player. He would love to create a cricket team with his colleagues.



### Elizabeth Parker, MD

*Medical School:* Medical College of Georgia

*Residency:* Emory University SOM

*Interesting fact:* Elizabeth has a large cockatoo parrot that barks just like a dog.

## Pediatric Radiology



### Matthew Lynn, MD

*Medical School:* Emory University SOM

*Residency:* Emory University SOM

*Interesting fact:* Cooking is just one of Matt's many hobbies. He also likes to listen to a variety of music.

## Abdominal Imaging



### Juan Camacho, MD

*Medical School:* Pontificia Universidad Javeriana

*Residency:* Universidad El Bosque

*Interesting fact:* Juan was born in South America. He enjoys horseback riding and photography.



### James "Wes" Carter, MD

*Medical School:* University of Tennessee

*Residency:* Mayo Clinic

*Interesting fact:* James likes to travel and would love to live in Switzerland one day.



### Bradley "BJ" Potsic, MD

*Medical School:* University of Florida  
College of Medicine

*Residency:* Baylor College of Medicine

*Interesting fact:* During BJ's free time he enjoys running, weight lifting, boating and watching Gator football. He hopes to go sky diving one day.



### Jignesh Shah, MBBS

*Medical School:* NHL Municipal Medical College

*Residency:* NHL Municipal Medical College

*Interesting fact:* Jignesh is very active. He enjoys playing cricket and volley ball. He also loves to travel.



### Daniel Subisak, MD

*Medical School:* Ohio State University  
College of Medicine

*Residency:* Ohio State University Medical Center

*Interesting fact:* Daniel likes to run and play basketball. He is also studying the Tamil language.



### Adam Zorn, MD

*Medical School:* St. George's University SOM

*Residency:* Aurora St. Lukes Medical Center

*Interesting fact:* Adam enjoys a number of outdoor activities, including: hunting, fishing, SCUBA, surfing, rock climbing, skiing and triathlons.

## PET



### Bhawana Rathore, MBBS

*Medical School:* Lala Lajpat Rai Memorial  
Medical College

*Residency:* Moti Lai Nehru Medical College

*Interesting fact:* Bhawana enjoys to spend time with her family and friends.



### Razia Jafri Sultana MD, PhD

*Medical School:* Rawalpindi Medical College

*Residency:* State University of New York

*Interesting fact:* Razia was able to visit Niagara Falls. While there, she watched a stunt man walk across the Falls with on rope.

# INTRODUCING THE RADIOLOGY FELLOWS

## Interventional Radiology & Image Guided Medicine



### Ryan Birlew, MD

*Medical School:* Saint Louis University, SOM  
*Residency:* Saint Louis University Hospital  
*Interesting fact:* Ryan did research on trout for the Missouri Department of Conservation.



### Justin Caughron, MD

*Medical School:* University of Tennessee Health Science Center  
*Residency:* University of Texas Southwestern  
*Interesting fact:* Justin is a proud new father and enjoys mountaineering expeditions.



### Adam Morales, MD

*Medical School:* University of Texas Health Science Center at Houston  
*Residency:* University of Texas Health Science Center at Houston  
*Interesting fact:* Adam is a blue belt in Jiu Jitsu and a proud father to two daughters.



### Harold Park, MD

*Medical School:* Drexel University College of Medicine  
*Residency:* Lenox Hill Hospital  
*Interesting fact:* Harold played lacrosse for cross-town rival Georgia Tech.



### Sarat Piduru, MD

*Medical School:* University of South Florida College of Medicine  
*Residency:* Emory University SOM  
*Interesting fact:* Sarat is a great singer but only his two kids know that.



### Scott Prater, MD

*Medical School:* University of Oklahoma Health Science Center  
*Residency:* Baylor University Medical Center  
*Interesting fact:* Scott recently became a proud father.



### Hasmukh Prajapati, MD

*Medical School:* B.J. Medical College, Gujarat University, Ahmedabad, India  
*Residency:* N.H.L. Medical College, India  
*Interesting fact:* Hasmukh was trained in vocal Indian classical music. He also speaks four languages.



### Liang Zhang, MD

*Medical School:* Soochow University, SOM  
*Residency:* First People's Hospital Liangyungang  
*Interesting fact:* Liang has several hobbies, but enjoys table tennis and Chinese Chess.

## Neuroradiology



### Abdul-Rahman Albeiruti, MD

*Medical School:* Wayne State University SOM  
*Residency:* University of Michigan Health System  
*Interesting fact:* Abdul enjoys going to different beaches. He is also a football fan; his favorite team is the University of Michigan.



### Vivek Bansal, MD, PhD

*Medical School:* Baylor College of Medicine  
*Residency:* Baylor College of Medicine  
*Interesting fact:* Vivek loves music. As a hobby he plays drums. He also enjoys spending time with his family.



### Srikanth Boddu, MBBS

*Medical School:* Rajiv Gandhi University of Health and Sciences  
*Residency:* Nottingham University Hospitals  
*Interesting fact:* Srikanth spent nine years in England. He also competed in the Junior Badminton Championship and won.



### Raymond Higginbotham, MD

*Medical School:* University of Tennessee Health and Science Center  
*Residency:* Emory University  
*Interesting fact:* Raymond was able to attend Centre Court to watch Roger Federer's final serve to win the 2004 Wimbledon Final.



### Michael Lubarsky MD

*Medical School:* Emory University SOM  
*Residency:* Emory University SOM  
*Interesting fact:* Michael's giving name is Misha. He was named after the 1980 Moscow Olympics Mascot.



### Brad Mitchell, MD

*Medical School:* Medical College of Georgia  
*Residency:* Emory University SOM  
*Interesting fact:* Brad has two cats who weigh more than two of his three children.



### Julio Sepulveda, MD

*Medical School:* University of Puerto Rico SOM  
*Residency:* University of Puerto Rico SOM  
*Interesting fact:* Julio enjoys outdoor activities, but what he likes most is weight lifting and running.



### Carlo Viamonte, MD

*Medical School:* Baylor College of Medicine  
*Residency:* Baylor College of Medicine  
*Interesting fact:* Carlo is a soccer fanatic. He enjoys watching soccer with friends and co-workers.

## NEW FACULTY



### Abdel Jaffan, MD

Assistant Professor - Interventional Radiology

Dr. Jaffan received his medical degree from Saint Joseph's University in Beirut, Lebanon. He furthered his education by completing a Diagnostic Radiology Residency at St. Louis University School of Medicine. Following his residency, he completed a Vascular and Interventional Fellowship at the University of Virginia School of Medicine.

Prior to joining Emory University, Dr. Jaffan was a clinical instructor of Diagnostic Imaging at the Warren Alpert School of Medicine of Brown University. His latest research involved Interventional Endoscopic Ultrasound-Guided Cholangiography. In 2011, he was invited to the Society of Interventional Radiology meeting to present a lecture on Aortic Endografts. His areas of clinical focus include peripheral arterial disease and endovascular aortic repair.

Dr. Jaffan is fluent in three languages: English, Arabic and French.



### Jeremy Royal, MD

Assistant Professor - Emergency Radiology

Dr. Royal received his medical degree from Emory University School of Medicine in 2006 where he graduated AOA as a Woodruff Scholar. He furthered his education by completing a Diagnostic Radiology Residency at the University of Alabama- Birmingham (UAB), where he was elected as Chief Resident in 2010. Subsequently, he completed a Musculoskeletal Radiology Fellowship at the UAB and Radiology

Associates of Birmingham.

Dr. Royal presented his work on "Brain Gliomas-Radiology - Pathology correlation" at RSNA and at the Spring 2010 Alabama Academy of Radiology meeting. He has also lectured at UAB Radiology Grand Rounds.

At the UAB, Dr. Royal was selected by faculty as the Alabama resident representative to the ACR national meeting. He was also a member of the Interview Committee for the UAB Radiology residency and the Resident Education Committee member.



### Darren Kies, MD

Assistant Professor - Interventional Radiology

Dr. Kies joins the Emory Faculty after completing his Interventional Radiology Fellowship in our department.

Prior to his fellowship, Dr. Kies received his medical degree from Tulane University and completed his Radiology Residency at the University of North Carolina at Chapel Hill. During

his residency he was elected as Chief Resident. As a fellow, he was a recipient of the Housestaff Organization Professionalism Excellence (HOPE) Award, a peer nominated award from the Housestaff recognizing excellence in teaching and professionalism.

Dr. Kies received his Bachelors of Science Degree in Molecular Biology. He graduated summa cum laude at Vanderbilt, Nashville, Tennessee.

## NEW FACES & APPOINTMENTS



### Courtney Moreno, MD

Director of Ultrasound

Dr. Moreno was recently appointed the Director of Ultrasound for the Department of Radiology and Imaging Sciences. She will provide physician leadership and oversight of centralized ultrasound policies and procedures. She will ensure compliance with all standards and will optimize safe, patient-centered care and high quality ultrasound imaging.



### Gulshan Sharma, PhD

Senior Research Associate - MSK

Dr. Sharma received his MS and PhD in Bioengineering from the University of Pittsburgh. Prior to Emory he was a Post-Doctoral Fellow at the University of Calgary in the Department of Biomedical Engineering where he developed software packages to calibrate fluoroscopy images involving a moving x-ray source and compute patellafemoral and tibiofemoral knee kinematics.

## HR Tip

### Tobacco Use Zones End on August 1

On August 1, 2012 the temporary smoking zones will no longer be available as Emory University transitions to a 100% tobacco-free campus. All tobacco use will be completely prohibited on campus properties.

Please remember that the entire Emory community is responsible for enforcement of this new policy. For those who need help quitting tobacco, Emory offers several tobacco cessation resources at no cost to faculty, staff and students: [www.tobaccofree.emory.edu/cessation/index.html](http://www.tobaccofree.emory.edu/cessation/index.html).

For more information, visit: [www.tobaccofree.emory.edu](http://www.tobaccofree.emory.edu). Please assist in our efforts to transition to a tobacco-free campus by communicating the importance of adhering to the new policy to your faculty, staff and visitors.

-Season Lewis, Senior HR Associate



### Monica Salama

Senior Associate Director of Programs

In recognition of Monica's hard work and dedication, she has been promoted to Senior Associate Director of Programs. In this new position, she will continue to manage departmental communications and events, while contributing to the development and implementation of department programs.

Monica is a certified Disc trainer and the Director of the Radiology Leadership Academy and the Service Excellence Institute. Monica has been with Emory since 2006. Prior to Emory she worked in Marketing for Busch Gardens Tampa Bay. She received her Bachelor's in Communications from the University of South Florida.

## GET INVOLVED

# Grand Rounds – Гранд раунды – ปัดเศษทศนิยมของผล – Grand runder – gala kãrtãs – グランド・ラウンド -Redondos Magnificos – großartige Umläufe – Grote Rondes<sup>1</sup>

Dear Colleagues,

Thank you all for contributing to a great year of Grand Rounds CME activities. Thank you also for filling out the Grand Rounds survey earlier in the 2011-2012 academic year. The full results from the survey are posted on the departmental intranet web pages at [https://secure.web.emory.edu/radiology/intranet/faculty\\_and\\_staff/](https://secure.web.emory.edu/radiology/intranet/faculty_and_staff/).

The highlights of this survey are as follows:

A total of 93 respondents answered the survey. Of the 88 who answered the question on "Overall Effectiveness of the Grand Rounds and Visiting Professor Program", more than 88% thought the program was at least *Good* and more than 50% thought it was at least *Very Good*.

More importantly, more than 50% of 87 respondents felt that they probably or definitely learned at least one new thing at grand rounds that has changed their clinical practice.

While 40%-51% of the respondents, thought that the number of clinically-oriented talks, research-oriented talks and "administrative" talks (for example, talks on quality, sleep deprivation, etc.) were just right, about 30% of the respondents felt that the number of clinically-oriented were less than ideal and roughly the same number of respondents felt that there were too many research-oriented or administrative talks.

Based on these survey results and the individual comments from respondents, we are making the following changes to our grand rounds program.

1. There will be more clinically-oriented talks. The Distinguished Lecture series will continue and the speakers will be encouraged to be bold and speculate on the likely course that medical imaging will take in the future. However, we will also encourage the speakers to emphasize the clinical relevance of these techniques at Grand Rounds. They will provide the more technical aspect of their research in the Research in Progress Seminar (RIPS) series, which has been moved to Wednesday at 1:30 pm to accommodate these luminaries.
2. We will have two presentations this year by legal experts. One of these talks will be given by the Dean of the Emory Law School, Dr. Schapiro, who will be speaking about the new Health care Law. We will have more internal speakers this year. We are excited that four residents have stepped up to the plate and will speak on topics related to their research or the exciting international radiology projects they have been working on.
3. In Spring of 2013, we will have a theme-based lecture

series on Lymphoma. This topic will be addressed by Abdominal, Thoracic, and Neuro Radiologists, Nuclear Medicine specialists, and Medical and Radiation Oncologists. We hope that choosing such cross-cutting theme-based topics will encourage more of you to attend.

### What can you do to make this a success?

1. Show up. This is an easy way of getting >30 CME credits for free without having to take a flight to Alaska in winter.
2. Let's make the speakers feel like a million bucks by sitting up front. Both internal and external speakers put in tremendous effort in their talks and it can be disappointing to see everyone sitting in the rear, quick-get-away positions.
3. Provide us your feedback on what works and does not work in the program.
4. Continue to provide nominations for speakers, both internal and external.
5. Volunteer to present your work.

We have several outstanding speakers scheduled for Fall 2012; the Fall speaker line-up is available on our department website at:

[http://www.radiology.emory.edu/fileadmin/user/Current\\_Events/GrandRounds\\_Fall12.pdf](http://www.radiology.emory.edu/fileadmin/user/Current_Events/GrandRounds_Fall12.pdf)

Please note that grand rounds will begin this year on August 22<sup>nd</sup>.

Finally, I would like to acknowledge the great guidance from Dr. Mark Mullins and the superb coordination by Ms. Martha Howard. Thanks to Ms. Camille Dingle for putting together the flyers every week and to Ms. Jessica Paulishen for preparing all the correspondence letters for the Visiting Professors. I would also like to thank the great service rendered by the senior residents in making the VPs feel at home; Dr. Bradley Mitchell led this effort for the 2011-2012 academic year and Dr. Ankur Doshi has volunteered his time for the next year.

- Srinidhi Tridandapani, MD, PhD  
Assistant Professor of Radiology  
and Imaging Sciences

**EMORY HEALTHCARE**

## Department-Wide Assembly

Wednesday, September 19, 2012  
7:30 - 8:30 a.m.  
Emory University Hospital Auditorium - 2nd Floor

Presented by  
**Carolyn C. Meltzer, MD, FACR**  
Chair of the Department of Radiology and Imaging Sciences

Department-wide assembly for all members of Radiology.

**Are We Ready for the Next Phase of Health Care Reform?**

As we look toward the next five-year strategic plan for the department, we are doing so in a rapidly changing health care environment. In this department-wide assembly, Dr. Meltzer will review relevant portions of the Affordable Care Act, implications of the recent Supreme Court decision, and trends and market forces that are shaping changing models of care. She will also discuss opportunities and challenges for academic institutions.

**EMORY UNIVERSITY SCHOOL OF MEDICINE**  
Department of Radiology and Imaging Sciences

## GET INVOLVED

### Service Excellence

Service Excellence is the responsibility of each of us. With our initial training complete, it is now in your hands to make the effort in your daily role. You can also request time to stay involved in the initiatives of sustaining our Service Excellence Culture. Our first Service Excellence Workshop is available for registration. In response to your suggestions during the SEI Sessions and in support of our continued Service Excellence culture, we will be holding Cultural Diversity Workshops.

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 2 hour session, please request the time and then follow the directions below.

Friday, Sept. 14, 8:00 am – 10:00 am - Clifton Campus

Wednesday, Sept. 19, 1:00 – 3:00 pm - Clifton Campus

Tuesday, Sept. 25, 8:00 – 10:00 am - MIDTOWN

Wednesday, Sept. 26, 2:30 – 4:30 pm - Clifton Campus

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.

#### Other opportunities:

##### Town Hall Dates:

Aug. 20 – 2:30 – 4:00 am – LIVE at Midtown

Nov. 13 – 12:30 – 2:00 pm – LIVE on Clifton Campus

##### Make-up Brainstorming Session

August 17, 9:30 – 11:30 am -- EUH Annex - N240

Calling/texting patients pre-post their procedure to ensure that they are prepared when they arrive and we can address any questions they may have after their procedure.

## Save the Date

### 29<sup>th</sup> Annual Weens Lecture And Resident Alumni Reunion

Friday, September 28<sup>th</sup>, 2012, 6:30 P.M.  
Emory University SOM Building

With special guest,  
Mike Luckovich

"Inside the Mind of a Cartoonist"

RSVP by Friday, September 21, 2012 to Alaina Shapiro (404) 712-5497 or  
[radiologycomm@emoryhealthcare.org](mailto:radiologycomm@emoryhealthcare.org)

## Radiology Calendar

### Week of August 13, 2012

No Grand Rounds

Research In Progress Series (RIPS)-  
No RIPS Lecture

### Week of August 20, 2012

Wed., August 22 –  
Grand Rounds -

Dean Robert Schapiro, Emory Law School  
*Health Care Comes to the Supreme Court:  
A Preliminary Analysis of the Affordable Care  
Act Decision*

Research In Progress Series (RIPS)-  
No RIPS Lecture

### Week of August 27, 2012

Wed., August 29 –  
Grand Rounds -

Drs. Aguocha and Ibraheem  
*Globalization of Radiographic Imaging in Africa*

Research In Progress Series (RIPS)-  
No RIPS Lecture

### Week of September 3, 2012

Wed., September 5 –  
Grand Rounds - Faculty Awards Ceremony

Research In Progress Series (RIPS)-  
No RIPS Lecture

Grand Rounds will resume on  
August 22, 2012

Research in Progress (RIPS) will be on  
Wednesdays and resume on  
September 12, 2012

Check the Current Events page at  
[www.radiology.emory.edu](http://www.radiology.emory.edu) for up-to-date  
schedules.

**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)