

Message from the Chairman

February 5, 2009



More so than ever, Radiology as a branch of medicine is at the forefront of new technologies, research and clinical care. While we see the exciting developments daily in our work and the work of our colleagues, oftentimes those outside of the department do not know exactly what radiologists do and why their education, training, skills and experience are vital to providing the highest quality patient care. In an effort to educate the community, our patients and those outside of the department, we have joined the American

College of Radiology in the *Faces of Radiology* campaign. As part of this campaign, we have created marketing material for patients and displayed posters in patient waiting areas about the extensive training of a radiologist.

While we work to educate the community through the *Faces of Radiology*, throughout the next several newsletter issues we will be highlighting a different division of the department. This month, we are focusing on breast imaging services offered at MUSC. You'll also read about our the new Definition AS 128-slice CT scanner that we began using in January for research. We continue to have exiting things happening within the department and look forward to sharing them with you.

Philip Costello, M.D.



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Dr. Richard B. Gunderman to speak at Grand Rounds and Resident Lectures

Dr. Richard Gunderman, M.D., Ph.D. will speak at the Radiology Grand Rounds and residency lectures on February 16 & 17. Dr. Gunderman is professor and Vice Chairman of the department of Radiology at Indiana University with faculty positions in pediatrics, medical education, philosophy, philanthropy and liberal arts.

After graduating from Wabash College in Indiana with a bachelor of arts degree in biology and philosophy, Dr. Gunderman went on to earn both his Ph.D. in Social Thought and his M.D. After a year as a Federal Chancellor Scholar in Germany, he completed his residency at the University of Chicago, where he served as chief resident. Dr. Gunderman also holds a Masters in Public Health from the Indiana University School of Medicine.



Grand Rounds

Monday, February 16, 5pm
Storm Eye Auditorium

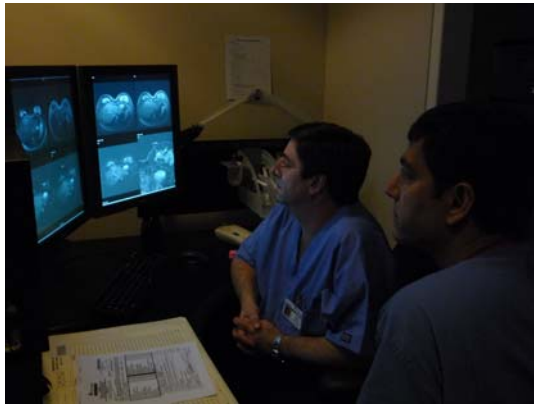
Resident Lectures

Monday February 16 & Tuesday, February 17
11:30am, Room 270

Breast Imaging Spotlight

As an integral part of Hollings Cancer Center, the Hollings Cancer Center Breast Imaging Program is part of the Comprehensive Breast Care Program at MUSC, known as the Southeast's premier breast care program. The all digital mammography center offers screening exams, diagnostic exams, and if needed additional breast imaging studies including MRI and ultrasound. Ultrasound-guided biopsies, needle localization procedures, cyst aspirations procedures, stereotactic biopsies and fine needle aspirations are also performed. The radiologic technologists who staff the breast imaging department all specialize in mammography and breast imaging.

This talented group, from technologists to attendings, have nurtured the program to become a vital part of the Hollings Cancer Center. "We have patients who drive from all over the state — North Carolina, Georgia and Florida — to have their mammograms at MUSC," says Teresa Harrison, Mammography Coordinator.



Dr. Abid Irshad, MUSC Radiologist and Dr. Alan Sechtin, Breast Imaging Fellow read mammography exams at Hollings Cancer Center.



The Hollings Cancer Center mobile health unit offers mammography as well as other exams throughout the Charleston community.

In 1998, Hollings Cancer Center introduced a mobile health unit to the Charleston community. It has served as a medical office on wheels for thousands of adults, extending the center's comprehensive care into 12 rural Lowcountry counties. Breast screenings are offered on the mobile unit throughout the week and are scheduled through main radiology scheduling. The mobile van also offers screenings for other cancers including cervical, skin, colorectal and mouth cancers. Additionally, patients receive appropriate educational materials and guidance for key health strategies such as self-screening, nutrition and exercise as well as tobacco cessation.

Located in the Hollings Cancer Center, patients are seconds away from a team of breast care specialists including medical oncologists, radiologists, nurse practitioners, patient navigators, radiation oncologists, plastic surgeons, pathologists, genetic counselors, nurses and social workers.

"It takes the combination of the breast care specialists to make our program the best in the Southeast and one of the best in the nation," explains Dr. Tommy Pope. "We teach our residents early on of the importance of the multidisciplinary approach to breast care." Individual breast cancer cases are reviewed by all members of the interdisciplinary team at the weekly Breast Tumor Board conference for the team to make recommendations for treatment.

The breast imaging division offers one fellowship per year in which the fellow is involved in all aspects of the division including clinical work and research. Current research in the department includes efficacy of MRI in newly diagnosed breast cancer and the appropriate imaging of high risk patients.



Mammographer, Michelle Varelziz, gathers Spanish forms for patient navigator, Coretta Magwood, to give to a non-English speaking patient.

(continued on next page)

By the Numbers

The division performed a total of 16,983 procedures last year:

9,157 screening mammogram

4,875 diagnostic mammograms

1,879 breast ultrasound examinations

187 breast MR studies

436 ultrasound-guided biopsies

179 needle localization procedures

169 cyst aspirations procedures

99 stereotactic biopsies

2 fine needle aspirations



Mammography Technologists: Kedron Mullen, Lindsey Hosey, Teresa Harrison, Kellie Adams, Michelle Varelziz, Vicki Acker, Lisa Dooley, Gaye Martin & Angela Franklin.

Breast Imaging Division Faculty



Dr. Susan Ackerman



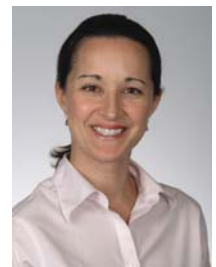
Dr. Tommy Pope



Dr. Abid Irshad



Dr. Amy Campbell



Dr. Abbie Cluver

Blood Donor Contest Reminder

Since the blood donation contest began on September 9, the following people (that we know of) donated blood:

Rhonda Laz September 9
Brian Fisher September 9
Eugene Mah October 9, December 10
Romeka Washington October 8
Tina Rapstine October 9, January 13
Tommy Pope October 23, December 22

Marion Watson October 29, January 7
Sandra Stringer October 30
Amy Hill October 31
Tina Cooper December 30
Lynn Williams December 31
Deborah Middleton January 22

If you know you gave blood but forgot to put "Radiology" next to your name on the clipboard, please send Sandra Stringer an email with the date that you gave so that you will be counted for the blood donation contest which will end in September of 2009.

Welcome New Faculty!



Dr. Imran Chaudry has joined the faculty as an assistant professor in radiology. Dr. Chaudry received his M.D. from Allama Iqbal Medical College in Pakistan. He completed a residency at Mercy Hospital of Pittsburgh and completed a fellowship in diagnostic radiology at the University of Wisconsin Hospital.

Most recently, Dr. Chaudry completed a fellowship in Neurointerventional Radiology at MUSC.

Dr. Jay Koonce:

Teacher of the Month

Dr. Jay Koonce, a second year resident, was named January 2009 Teacher of the Month by the College of Medicine student body.

Each month, Students nominate teachers on a voluntary basis throughout each month so that all nominated teachers can be acknowledged for their dedication and commitment to the education of our future doctors.



Welcome New Staff!



Sonja Holmes joins us as an Administrative Coordinator responsible for Fellowship recruitment, faculty credentialing, and oversight of the administrative support staff.

Sonja is located in CSB 210P and can be reached at ext 2-2331.



Angie Coers joins us as an Administrative Assistant in support of the Diagnostic Neuro Division. Her office is in the central administrative workspace in CSB 210 and can be reached at ext. 2-2396.

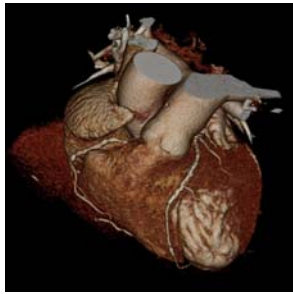
Dr. Kisilevzky speaks on Uterine Fibroid Embolization

Dr. Nestor Kisilevzky spoke on “Uterine Fibroid Embolization – State of the Art” at a Radiology Noon Conference at the Main Hospital on January 23, 2009. He is a professor and the head of the Division of Vascular & Interventional Radiology at Edmundo Vasconcelos Hospital in Sao Paulo, Brazil. He is also an attending physician in Vascular & Interventional Radiology at Albert Einstein Hospital in Sao Paulo, Brazil.

Pictured: Dr. Bayne Selby, Dr. Nestor Kisilevzky, Dr. Claudio Schönholz, and Dr. Marcelo Guimarães.



Siemens SOMATOM Definition AS CT scanner research begins



Heart image from the Siemens SOMATOM Definition AS.

Research has begun using the new Siemens SOMATOM Definition AS 128-slice CT scanner at Ashley River Tower. The new scanner boasts the latest in CT technology, adapting to virtually any patient, offering advanced dose protection, allowing for dynamic perfusion imaging, and featuring a wider gantry opening and higher maximal weight load to accommodate overly obese patients. Currently the equipment is being used in research partnerships between Radiology and the Division of Cardiology and Hollings Cancer Center. The cardiac research is involved in stenosis detection of coronary arteries while the oncologic research focuses on perfusion imaging in patients with head and neck cancer.

Because of the broader configuration with 128 slices, images of the heart can be captured in 4 heart beats, which means shorter scan times, clearer images for the physicians to read and less radiation exposure to patients. Nearly 200 patients are involved in the study with Dr. Joseph Schoepf and Dr. Elisabeth Arnoldi.



Robin Brothers, RT, Dr. Joseph Schoepf and Dr. Elisabeth Arnoldi with the new scanner.

MUSC joins ACR in *The Face of Radiology* campaign



ACR posters like this one will be displayed in patient waiting areas.

The radiology department has joined the American College of Radiology's (ACR) nation-wide campaign to educate patients, payers, government officials, and other health care providers on exactly what radiologists do and why their education, training, skills, and experience are vital to providing the highest quality patient care.


This comprehensive effort, which began in 2008, utilizes grassroots efforts, advertising, public relations, patient education materials, and social media to deliver and reinforce the message to patients that radiologists are the physician experts in diagnosis, patient care, and treatment through medical imaging.

Radiologic procedures are increasingly replacing more invasive and costly techniques. "As the specialty of medical imaging grows, it is vital that all health care stakeholders, from patients to the government, understands what radiologists are and

what they do," explains Dr. Philip Costello, Chairman of the Department of Radiology at MUSC.

Posters, informational bookmarks and information on the website are some of the ways that MUSC Radiology is participating in the ACR's *The Face of Radiology* campaign.


Meet the Vascular and Radiologists

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Renan Uffacker, M.D.
 Medical School
 Federal University of Rio Grande do Sul, Brazil
 Residency
 Lazzarini Hospital, Brazil
 Fellowship
 Rikshospitalet, University of Oslo, Norway
- 

Bayne Selby, M.D.
 Medical School
 Medical University of South Carolina
 Residency
 University of Washington
 Fellowship
 University of Virginia
- 

Claudio Schönholz, M.D.
 Medical School
 University of Buenos Aires
 Residency
 Ramon Mejia Hospital, Buenos Aires
 Fellowship
 Centre Cardiologique du Nord, Paris
- 

Christopher Hannegan, M.D.
 Medical School
 Medical University of South Carolina
 Residency
 University of Rochester
 Fellowship
 University of Rochester
- 

Marcelo Guimarães, M.D.
 Medical School
 Federal University of Rio Grande do Sul, Brazil
 Residency
 Hospital de Clinicas, Brazil
 Fellowship
 Medical University of South Carolina



Informational bookmark for patients having a Vascular and Interventional procedure.

MUSC Radiology launches consumer website

MUSC has two main websites. One is on the academic side and is designed to meet the needs of students, faculty and researchers. The other site focuses on the needs of those who use the hospital services including patients, visitors and referring physicians. Until January, Radiology only had a presence on the academic website. Now, we have information on both sites.

For students, faculty & researchers:
www.musc.edu/radiology

For patients, visitors & referring physicians:
www.muschealth.com/radiology

Name our Newsletter!

This newsletter is designed to keep YOU, our readers, informed of what is going on within the radiology department. Because this newsletter is for YOU, we'd like your help with a name!

Please send all newsletter name ideas to Amy Hill at hillam@musc.edu and your idea could debut in the March issue!

Be creative & have fun!



Standard of the Quarter

Help lost guests find their way by walking them to their destination!

