



<https://education.musc.edu/colleges/medicine/departments/radiology>

Historic Visit with First Lady Jill Biden



After wrapping up her visit with a tour of the new Hollings mobile health unit, the first lady stopped for a photo with (left to right) Dr. David J. Cole, Dr. Ned Sharpless, **Dr. Rebecca Leddy**, Dr. Craig Lockhart, Dr. Raymond N. DuBois, Dr. Marvella Ford, Bria Sanders, Darlene Gaffney and Alicia Commodore. Photo by Marquel Coaxum.

Read the article in the Catalyst

Undergraduate Medical Education Update



by Dr. Jeanne Hill

In contrast to many institutions nationally, the MUSC Radiology department is heavily involved in undergraduate medical education. In the pre-clinical curriculum, faculty provide didactic lectures about anatomy, imaging appropriateness, imaging safety, and foundational imaging principles. Faculty and residents team teach radiologic anatomy in small group seminars for each organ system. In collaboration with our emergency medicine colleagues, MUSC radiology faculty and fellows provide hands-on instruction in ultrasound in scanning labs incorporated into the introduction to physical diagnosis and clinical skills course, re-enforcing anatomy and point of care uses of ultrasound such as the FAST scan. In recent years 8-12 students annually have worked with radiology mentors on research projects during the FLEX phase of the curriculum, the second semester of the second year. Multiple faculty members serve as preceptors in the Ethics curriculum, which spans all four years. We also have very active student led interest groups, RIG and VIRIG, which provide opportunities for students to interact with residents, faculty, and fellows and learn about our specialty in a more informal setting.

During the clerkship years, students have numerous options to improve their understanding of imaging and explore career opportunities. In the third year, we offer two-week rotations in Diagnostic Radiology, Interventional Radiology, and Advanced Clinical radiology. In addition to the four-week elective in General Diagnostic radiology, fourth year students can elect to spend 2 or 4 weeks in Breast Imaging, Musculoskeletal Radiology, Neuroradiology, Pediatric Radiology, Ultrasound, or Vascular and Interventional Radiology. We also offer a very popular Radiologic Pathologic Correlation course with our pathology colleagues. During this academic year, 28 students will have participated in third-year courses and 188 students in the fourth-year courses, 18 of which were visiting students.



In addition to interacting with students early and often, radiology faculty members actively mentor and advise students. Since 2016-17, 48 MUSC students have entered diagnostic or interventional radiology training in programs across the country. We are hoping for another successful match next month!

Pictured: Dr. Jeanne Hill at top, 4th Year Medical Students at the Neuro Core Lecture.

MUSC researchers test practical applications of new CT technology developed by Siemens Healthineers



Siemens Healthineers officially unveiled its NAEOTOM Alpha photon-counting CT system during a virtual event on Nov. 18, but MUSC researchers and technicians have been working with the new device since July as part of a hallmark project in the MUSC-Siemens strategic value partnership. MUSC has a decades-long relationship with Siemens Healthineers, which was further solidified in 2018 when the two entities announced a strategic partnership aimed at transforming the way that health care is delivered.

Until now, the photon-counting CT system has been used solely for research, but with the Food and Drug Administration's recent clearance of the new technology, it will soon

be available for patient care as well.

"These are exciting times for MUSC. It's another first," said U. Joseph Schoepf, M.D. (pictured), director of the Division of Cardiovascular Imaging and assistant dean for clinical research in the College of Medicine at MUSC.

[Read the article in the Catalyst](#)

Dr. Leddy interviewed, dispels common myths during Breast Cancer Awareness Month



Dr. Rebecca Leddy was interviewed by WCSC Live 5 News. “We want to actually detect breast cancer before it gets to that lump stage, and that’s why we recommend screening mammography, which you do when you’re not having symptoms,” Dr. Leddy said. “But breast cancer can present with a variety of different symptoms.”

[Watch the video on Live 5 News](#)

Alumni News



Dr. Donna Roberts Diagnostic Radiology Class of 2004

Congratulations to Dr. Donna Roberts who was selected as an AI Advocate for the Clemson-MUSC AI Hub. This is "a joint effort to build research capacity and collaboration in the area of Artificial Intelligence (AI) applied to biomedical research".

She was also featured in a WCSC Live 5 story about the Hyperfine portable MRI project that she has been working on with the neuroscience team.

[Learn more: Clemson-MUSC AI Hub](#)

[Watch: Live 5 Portable MRI Video](#)

Alumni Publications



Comparison of Dural Venous Sinus Volumes Before and After Flight in Astronauts With and Without Spaceflight-Associated Neuro-Ocular Syndrome

Rosenberg MJ, Coker MA, Taylor JA, Yazdani M, Matheus MG, Blouin CK, Kasab SA, Collins HR, **Roberts DR** (*Diagnostic Rad Class of 2004*). JAMA Netw Open. 2021 Oct 1;4(10):e2131465. [PMID 34705011](#).



Risk of Radiation Exposure to Clinical Staff from Paracenteses of Large-Volume Chylous Ascites Following ¹⁷⁷Lu-DOTATATE Infusion

Sameer Tipnis, **William J Rieter** (*Diagnostic Rad Class of 2017, MSK Fellow Class of 2018*), Vladimir Henderson-Suite and **Leonie Gordon** (*NucMed Class of 1981*). Journal of Nuclear Medicine Technology December 2021, [jnmt.121.262820](#).

Alumni We Don't Know How to Contact

If you know any of the Alumni listed below, please forward this newsletter to them. If they like it, hopefully they will [contact us](#) to add them to our mailing list. We'll put a short list in every newsletter and hope that we keep hearing from everyone to fill in the blanks. And if you have a contact email for any of them, please send it to me and I'll reach out to see if they're interested in getting the newsletter!

Govindarajan Narayanan

Rebecca Newell

Jose Cassani Pacheco

Shirish Parikh

Richard Thomas Patrick

Eric A. Pfeiffer

Dang Pham

Bert Cody Piggott, Jr.
George Hurst Provosty
John Ravita

Projects



Radiology Library Fundraiser

We currently have our Radiology Library enclosed in two cabinets in the break room, as seen at left, but we are working on an upgrade.

We are raising funds to procure classic barrister bookcases with glass fronts that are lockable. These new bookcases would be located near the Education Director's office and would have enough room for our entire library! (Currently our cabinets are stuffed with books stacked every which way.) If you would like to see what they will look like, click [here](#). We have been quoted a price of \$6,791.35 so that's our goal!

If you choose to donate, your name will be listed on a plaque honoring your donation. We hope you will consider contributing to this project. Thank you!

Click on the button below to donate For "My gift supports" put in "[Choose my own fund or area to support](#)". Then, under "Choose my own fund..." put in "[Radiology Resident Fund 04903](#)".

Donate to Radiology Resident Fund for new library bookcases!

Let Us Know

[Please email us](#) your photos and information about presentations, research you're doing, news you'd like to share (had a baby, moved to a new job, got married, citations for articles, books, etc. from the past year and/or what you're generally up to these days, etc.), and anything else you can think of for our newsletter that would be of interest to MUSC Radiology Alumni. We look forward to hearing from you!

Keeping in Touch

Tina Rapstine, Diagnostic Radiology Coordinator rapstint@musc.edu (843) 792-7179

Sandra Stringer, Diagnostic Radiology Coordinator stringes@musc.edu (843) 792-1767

Angie Maguire, Subspecialty Coordinator maguiran@musc.edu (843) 792-9319

Contact us for Diagnostic Radiology resident verification and application, IR/DR verification and application and verification for other subspecialty programs. Contact Sandra Stringer for newsletter-related inquiries.

[Unsubscribe stringes@musc.edu](#)
[Update Profile](#) | [Constant Contact Data](#)
[Notice](#)

Sent by stringes@musc.edu powered by



Try email marketing for free today!