



SLEEPY TIMES

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MESSAGE FROM THE CHAIRMAN: END OF AN ERA, THE RETIREMENT OF DR. SCOTT BRADLEY

-Scott T. Reeves, MD, MBA



How common is it to work with the same individual for over two and a half decades? I suspect not very. On June 30, Dr. Scott Bradley retired from MUSC. Scott came to MUSC following his pediatric congenital cardiac fellowship at the University of Michigan. At that time, there was no dedicated pediatric cardiac operating rooms and pediatric CT ICU. There were a few of us that did the congenital children.

Over the next 10 years, a team would gradually be recruited around him consisting of dedicated pediatric cardiac intensivists, ICU and OR nurses, APPs and perfusionists. Our department would create a dedicated group of CRNAs and pediatric cardiac anesthesiologists. I went on a mini sabbatical to the Texas Heart Institute and Texas Children’s Hospital to learn to care for the complicated neonates.

From year ten to the present, we would gradually go from not being listed in the US News and World Report Database to being currently # 4 in the country. We are # 1 in outcomes. This was accomplished by having extremely skilled surgeons with Dr. Bradley and Dr. Mino Kavarana and limiting case variability via the dedication and consistency of the whole team.

Working along with Dr. Bradley and being a part of this remarkable journey has been a highlight of my career. Many a long day and night we have spent together. We have seen many things come and go such a Aprotinin go and Recombinant factor VIIa come.

I know we will all want to wish Scott and Robin the best as they start the next phase of their life. He recently sent the following email following his retirement event.

Thank you to everyone for my retirement event on Sunday. What an amazing team gathering--what a moving afternoon for me! I wish I had more time to speak with everyone, but I could not have asked for a better sendoff. I am stepping back from surgery, but don't plan to vanish completely. I still have some projects to continue and will probably do some assisting in the OR and kibbitzing in conference. But I'm looking forward to having more time for travelling and getting back to some hobbies that have fallen by the wayside. Thanks for the incredible recognition. The memories, your kind words, and your good wishes will stay with me always.

With gratitude, Scott Bradley.

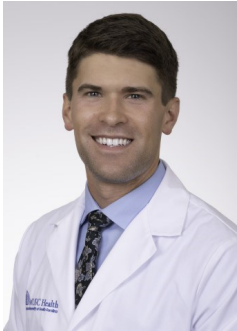
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OPENING STATEMENT CONTINUED...



MEET OUR NEW FACULTY



Peter Schnaak, MD

Hi y'all! I've been very blessed by everyone in this department who has welcomed me and taught me over the last year during my regional fellowship, and I am thrilled to be staying on board as a faculty member starting in August. A little about me: I grew up in Atlanta and went to Georgia Tech for undergrad, studying Biochemistry and Political Science. I attended medical school at the University of Pennsylvania and earned a Masters in Bioethics there too. I completed anesthesiology residency at the University of California Los Angeles (UCLA), but I was eager to return to the south for the next steps in my career. My siblings live in Georgia, and my parents live in Georgetown; so, it has been such a treat living closer to all of them after being gone for so long. My partner, Eddie, and I have loved getting to know Charleston as well! We look forward to making even more friends and exploring all that the region has to offer!



Martin Steine, MD

Martin hails from Marietta, Georgia. He completed undergrad at UGA, medical school at the Medical College of Georgia, and residency and fellowship at the University of Alabama at Birmingham. He worked at a private practice in North Charleston for two years before deciding that he missed academics. In his free time, he enjoys taking walks with his wife and two children and photographing birds. He is very excited to be joining the MUSC team!



Brenden Moore, MD

"Over the past 5 years, I have had the pleasure of working with most of this department, however for those who I have not met yet, my name is Brenden Moore. I grew up in Houston, TX and went to undergrad at Baylor University before attending medical school in Fort Worth at TCOM. After medical school, I was thrilled to match into residency here at MUSC where I completed my Anesthesia Residency and my Regional Anesthesia Fellowship. Outside of work, my wife Morgan and I have 2 children: Hampton (3.5 years old) and Hensley (1 year old) who occupy most of our time. When I do have spare time, I enjoy watching all Houston and Baylor sports teams, hence the assorted sports related scrub caps. I am thrilled to continue my career here at MUSC and look forward to working with everyone in my new role as RAPS faculty."



Sarah Stender, MD

Originally from Charleston and now delighted to be back home, Sarah Stender received her BA from Vanderbilt University and her MD from Louisiana State University in New Orleans. She completed her anesthesiology residency at Vanderbilt and her pediatric anesthesiology fellowship at MUSC. Staying on as a faculty member to join an accomplished and wonderful group of colleagues and friends is a dream come true. She is an avid sailor who cherishes time with family, friends, and her golden doodle, "Zoe."

MEET OUR NEW STAFF

Erin Meyer, Education Program Manager

I am delighted to take on the role of Education Program Manager within the Department of Anesthesia. The past year at MUSC has been such an enjoyable, educational experience for me. I have loved working each day with my amazing teammates, and getting to know the faculty, staff, and residents.

I was born and raised in Cullman, Alabama and moved to Charleston after graduating from Auburn University (War Eagle!). Before starting at MUSC, I had a 14-year career in the mortgage industry. Outside of work, I enjoy spending time with my husband, Jack, and our 19-month-old son, Ryan, who keeps us very busy! In my free time, I love to explore Charleston, whether it be a trip to the beach, shopping at the downtown farmer's market, or a fun new restaurant for a night out. I am looking forward to growing in this role and am thankful for everyone's support!



Zadie Dulaney, Research Assistant

Hi, my name is Zadie Dulaney. I just graduated from Coker University, majoring in Biology. During my time at Coker, I was on the acrobatics and tumbling team and the honors college program. I spent last summer at MUSC in the summer undergraduate research program, specializing in drug discovery. When I am not busy with academics, I love to go to the beach and workout. I also love hanging out with friends and trying new restaurants. I am from Charleston, SC, so I am happy to be back! I am excited to see where my role as a research program assistant will take me!

CHARLESTON WAS VOTED BEST IN THE U.S. FOR THE 12TH STRAIGHT YEAR BY TRAVEL + LEISURE READERS, WHO SAY IT ‘CAN COMPETE WITH ANY EUROPEAN CAPITAL’



PHOTO: TAYLOR MCINTYRE/TRAVEL + LEISURE

The Holy City earned the top spot yet again, thanks to its combination of historic architecture, walkability, and Southern hospitality — and, as many readers noted, its unbeatable culinary scene. “Charleston can compete with any European capital for its arts, entertainment, active lifestyle, and food,” said one voter. Many visitors noted that they had come to the city several times for different types of trips, such as couples’ weekends, family vacations, or friends’ getaways, and that they found new things to experience each time. Another reader chimed in that Charleston was, “a great example of a city that holds to their roots, but also strives to be current and welcoming to everyone.”

AAMC MEETING SUMMARY BY NICOLE MCCOY, MD

Dr. Nicole McCoy was selected by MUSC College of Medicine and Anesthesia Department Leadership to attend the [AAMC Early Career Women Faculty Leadership Development Seminar](#). She was part of a group of four outstanding women from MUSC who share a common interest in academic career advancement and leadership. The MUSC contingency included: [Dr. Ruth Adekunle](#) (Adult Infectious Disease Attending), [Dr. Courtney Harris](#) (Adult Infectious Disease Attending), [Dr. Colleen Donahue](#) (Colorectal Surgeon). Day 1 featured a dynamic speaker discussing personality types, including personalized results of the Myers-Briggs Type Indicator. Day 2 featured a lecture on organization skills and an interactive workshop on promotion readiness. Day 3 featured a workshop on crafting a unique personal statement, as well as lectures on navigating gender dynamics in the workplace and pathways to leadership. The day concluded with a “Wine down with peers” on a gorgeous patio overlooking Rancho Bernardo, California. The final day showcased a session on medical school finances including a simulated school of medicine budget meeting and finally a dynamic session on negotiation strategies. More than 150 women from all around the country from all different backgrounds were in attendance. There were six women in anesthesia in attendance from a variety of academic institutions. The conference was an excellent way to learn new skills, network with other motivated women and obtain knowledge for the advancement of an academic career. She would recommend women interested in promotion within 1-2 years consider applying for one of the seminar series. Additionally, mid-career women (closer to promotion to professor or interested in obtaining a high level leadership position) should consider applying for [a similar seminar geared towards mid-career women](#).



CENTRAL LINE TRAINING COURSE BY GJ GULDAN, MD

Every year our incoming intern class spends their first day in the department learning the principles and best practices of invasive line placement. We are very fortunate in our department to have access to a state of the art simulation center and central line simulation trainers. Dr. Patel and I go through indications, optimum locations, sterile technique, gowning and gloving, kit set up, ultrasound guided placement and treatment of complications for central line placements. This is a great opportunity for our interns to meet each other and learn a fundamental Anesthesiology skill. Keep an eye out for this fantastic group coming to an OR near you soon!



Theresa Morgan, CRNA Featured in College of Nursing News

In honor of MUSC's Bicentennial, MUSC College of Nursing is spotlighting alumni who are magnifying our legacy with their professionalism, passion and purpose.

Working as a certified registered nurse anesthetist at MUSC Main Hospital for more than 20 years in a row with additional stints in the MICU, Neonatal ICU, and GI floor, alumna Theresa Morgan, CRNA, MHS has dedicated her professional career to MUSC's mission.

What inspired you to pursue nursing?

In considering a career for my life at the age of 19, I was inspired by my best friend of my childhood, Bethany Holly Robinson. She had received her nursing degree, and I had not been able to attend college due to financial issues as well as a lack of guidance and resources in my small town of Duke Center, Pa.

What led you to MUSC?

In 1994, I came to MUSC. It was love at first sight when I was a nursing student in 1993 rotating through the Neonatal Intensive Care Unit (NNICU). I wanted to embark on my dream of working in the NNICU, but it was not hiring new graduates. In 1994, a friend who was working at MUSC said to me, "You should come to work in a 'real' hospital!" This was when I revisited the NNICU with a year's experience, was hired first for 10W which was the GI floor at the time, and I commenced my career at MUSC!

In what ways has your MUSC College of Nursing experience impacted your career and who you are today?

The MUSC College of Nursing experience catapulted me into a career in anesthesia. My love for the babies in the NNICU coupled with my fascination for how anesthesia impacted the little ones, as well as seeing anesthesia professionals and their high level of knowledge, caused me to do a project during my ADN to BSN education. I ultimately presented my research to both the anesthesia department and the NNICU team at MUSC with a presentation to share what each unit contributes in the journey of a sweet baby at MUSC.

What do you enjoy most about your work as a CRNA?

I absolutely love having the opportunity to help patients alleviate anxiety when I prep them for going to the operating room. I have the honor to let patients and their family members know what to expect as well as to watch over them while administering the best anesthetic tailored specifically for each patient based on their medical history and many other factors that ensure I am giving them excellent care.

Thank you for your many years of service to MUSC! For you, what is special about working here?

My co-workers and my patients are what I know make my days at MUSC special. Walking into the hospital, I see friends who are my second family, my home away from home. Each day, I get to meet new patients and their family members. The encounters with the patients and their families are highlights of my day! Combining the incredible staff of nurses, doctors, environmental staff, technicians and administration and leaders who help to make the processes for these patients as safe and smooth as possible absolutely amazes me each and every day! MUSC is truly my dream, and my home away from home.

What is the most valuable piece of advice you have ever received?

When returning to work after maternity leave, I was sad to leave our daughter three days a week. Dr. Hebbbar, a fellow colleague, said to me, "Remember that what you do for a living will influence your daughter, and she will be proud of you." This helps me to keep the impact of what I do in perspective as I balance my passion as a CRNA and my family.

Fun fact about you:

I volunteer at our church, East Cooper Baptist Church, on the Medical Outreach team, and I play the piano in my free time.

About the Author

Jennifer A. Turner
Director of Communications and Marketing
College of Nursing



CA1 SIMULATION BOOT CAMP BY HANNAH BELL, MD

In June, we hosted our first Mechanical Circulatory Support (MCS) Bootcamp for the rising CA-1 class. As many of you know, when our Anesthesia Critical Care Division assumed 24/7 coverage of the CVICU, our prior coverage responsibilities in the MSICU shifted completely to our Pulmonary Critical Care colleagues. Concurrent with this shift has been an initiative to move our residents with us to CVICU for ICU rotations. During the 2023-2024 academic year, our CA-1 class began rotating in the CVICU. Historically, residents have not been exposed to mechanical circulatory support focused education prior to the rotation. This was seen as a huge disadvantage to our residents, given that 80% of our institutional VA-ECMO cases and the overwhelming majority of IABP and Impella-supported patients are encountered and cared for in our CVICU.



Last year, Dr. Katie Hatter introduced the rising CA-1's to management of patients with Left Ventricular Assist Devices for noncardiac surgery as part of a research project. The time previously allotted for this project became available this year, and Dr. Guldan approached me about using this time to incorporate some MCS education for the residents. The eighteen rising CA-1s were divided into groups of six to optimize learning conditions. The course was divided into three separate sessions: IABP and Impella hosted by our Impella representatives and our MCS coordinators Lindsay Bull and Kaylen Dodson; ECMO with Monika Cardona, our institutional ECMO Manager; and LVAD with me and Jennifer Hajj, our institutional Program Manager for MCS. Sessions combined didactics with some hands-on learning. Topics covered in didactic sessions included pump design and modality, parameters, pump physiology with some focus on patient management. For the LVAD portion, Jennifer Hajj and I led a simulation session incorporating Dr. Hatter's scenarios. Learning efficacy was evaluated objectively for the ECMO portion of the course with Pre- and Post-Course Exams with an improvement in average scores from 67% to 83%.

While there is inevitably room for improvement with future iterations (e.g. more physician involvement in the ECMO/IABP/Impella portions for management perspectives) and while residents did express concern for whether they would be able to retain information until their CVICU rotation if it was in the latter half of the year, I remain hopeful that our efforts will have flattened the learning curve just a bit and will improve patient safety and resident's ability to collaborate effectively as part of the interdisciplinary team.

RESEARCH CORNER



Michael Scofield, PhD



Mariah Tanious, MD



Article

Heroin Self-Administration and Extinction Increase Prelimbic Cortical Astrocyte-Synapse Proximity and Alter Dendritic Spine Morphometrics That Are Reversed by N-Acetylcysteine

Benjamin M. Siemsen¹, Adam R. Denton^{1,2}, Jeffrey Parrila-Carrero², Kaylee N. Hooker¹, Eilish A. Carpenter¹, Meagan E. Prescott¹, Ashley G. Brock¹, Annaka M. Westphal², Mary-Nan Leath¹, John A. McFaddin¹, Thomas C. Jhou², Jacqueline F. McGinty^{2,†} and Michael D. Scofield^{1,2,*,†}

HEC Forum
<https://doi.org/10.1007/s10730-024-09526-5>



Prognostic Disclosure to Dying Adolescents Against Parental Wishes: A Point-Counter Point Debate

Mariah K. Tanious^{1,2}, Grant Goodrich^{2,3,4}, Virginia Pedigo⁵, Shelly Ozark^{2,6}, Joshua Arentz^{2,3,5}

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MUSC SEVO SHARKS

Our team raised \$5445! And the event itself raised over \$105,000, all of which goes directly to the Ferreira Lab at Hollings!

Our 1.5 mile open ocean swimmers included: Nicole McCoy (Peds Anesthesia), Chris Heine (Peds Anesthesia), Karin Bierling-Slowey (ART CRNA), Michael Slowey (Karin's husband), Robert Cromley (ART CRNA) and Haley Nitchie (Anes Research Coordinator)!

Our 0.5 mile open ocean swimmers included: Angela Choi (OB) and Sinai Zybiewski (peds cardiology)

We had a great time on gorgeous Kiawah despite some tough, wavy conditions. Donations are still accepted through the end of the year and most importantly, mark your calendars to join/donate/volunteer next June!

A huge thank you to those who generously donated! Thank you for supporting our team!



RESIDENT WELCOME PARTY AT BOWENS ISLAND



NEW BABIES IN THE DEPARTMENT



Josh and Allison Williams welcomed Charlie Matthew Williams on June 3rd weighing 5 lbs 14 oz and 19 inches long!



Gwen Croce and family welcomed Chase Henry Croce, born on 7/2/24 weighing 7lbs and 19.5 inches long!

NOVEMBER 5TH ELECTIONS VIA ABSENTEE BALLOTING-CHARLESTON COUNTY

This year is a presentational election. I would encourage us all to vote. Despite our desire to get to the polls, it is often difficult to make it due to our clinical schedules. I reached out to the Charleston County Election Committee about requesting an absentee ballot. Ms. Dakota Blich's response is as follows. Please reach out now to be included in the absentee process to assure your ability to participate.

Due to a decision made by the South Carolina State Election Commission last year, absentee application requests can no longer be done electronically (online, by fax, or email). To request an absentee ballot application a voter must now do so by phone, mail, or in-person.

Please give us a call at 843-744-8683 to request an absentee ballot or mail your request to PO Box 71419 North Charleston SC 29415. In a mailed request, please include the specific election(s) you are requesting. When requesting an absentee ballot for a primary, party preference must be stated. Let us know if you have any questions.



Dakota Blich | Absentee Services
Charleston County Board of Voter Registration and Elections
p: [843.744.VOTE](tel:843.744.VOTE)
w: chsvotes.gov



GRAND ROUNDS- AUGUST 2024



“Burn Team Updates”

Rohit Mittal, MD, Assistant Professor

August 6, 2024

Dept. of Surgery

Medical University of South Carolina



“Optimizing Labor Analgesia: The Roles of Remifentanyl & Programmed Intermittent Epidural Bolus”

Katie Hatter, MD, Assistant Professor

August 13, 2024

Dept. of Anesthesia & Perioperative Medicine

Medical University of South Carolina



Faculty Meeting

Scott Reeves, MD, Professor

August 20, 2024

Dept. of Anesthesia & Perioperative Medicine

Medical University of South Carolina



“No More Yoga: Evidence-Based Strategies for Workplace Wellbeing ”

Heather Farley, MD, Professor

August 27, 2024

Chief Wellbeing Officer

Medical University of South Carolina

DEPARTMENT OF ANESTHESIA AND
PERIOPERATIVE MEDICINE

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I HUNG THE MOON

Please don't forget to nominate your co-workers for going 'Beyond the Call of Duty.' I Hung The Moon slips are available at the 3rd floor front desk and may

[CHECK OUT OUR WEBSITE](#)

Future Events/Lectures

CA 1 Lecture Series

- 8/7—Inhalation Anesthetics—Callah West
- 8/14—Nonvolatile Anesthetics Agents—Ryan Wilson
- 8/21—Post Anesthesia Care—Natalie Barnett
- 8/28—Perioperative Emergencies & ACLS—Mike Gukasov



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Holiday Party
Saturday, December 7, 2024
Carolina Yacht Club

[ONE MUSC Strategic Plan](#)

We Would Love to Hear From You!

If you have ideas or would like to contribute to *Sleepy Times*, the deadline for the September edition will be August 18, 2024.