



SLEEPY TIMES

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MESSAGE FROM THE CHAIRMAN: CLASS OF 2025 GRADUATION—

MY LIFE GOT ROUGH WHEN MY HANDS GOT SMOOTH

—Scott T. Reeves, MD, MBA

As we start a new academic year, I want to share my graduation address with you. I took inspiration from Matt Stell's recent hit *Smooth*.

I want to welcome everyone to the 2025 graduation ceremony. This year we will celebrate the graduation of seventeen residents, three adult cardiothoracic fellows, and one regional anesthesiology fellow. All graduations are special, but this class has some unique characteristics. Several of you were in my son, Townsend's medical school class. In addition, you are graduating during the 200th anniversary of MUSC's College of Medicine. As such, each of you will be receiving a signed copy of Dr. Reeves' book *South Carolina's Indomitable College of Medicine*.

I would now like to take an opportunity to recognize our graduates. Can you please stand; you all deserve a special round of applause. I would also appreciate your family (spouses, children and parents) standing. They, too, deserve a round of applause.

Tonight, we are celebrating the end of a journey that has included 3 a.m. intubations, trauma alerts, heart transplants and OB OPAs. Over the years, I have learned to appreciate just how much life tends to track country music songs.

So, while looking for the right words to describe your rollercoaster journey, I came across the lyrics of Matt Stell's recent hit "Smooth:"

"Now I'm stressed in loafers 'stead of sweating in boots... My life got rough when my hands got smooth."

Before you learned to appreciate the power of sugammadex, many of you were wearing literal or metaphorical boots as scribes, researchers, college students and eventually medical students just trying to survive shelf and STEP exams. Back then, the work was hands-on. You were sweating — physically, emotionally, and financially.

Then came match day, and suddenly you are in the OR in loafers... or Danskos... or whatever footwear you wear. Over time, your hands got smoother — more precise, more trained, more specialized. You learned finesse.



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MESSAGE FROM THE CHAIRMAN CONTINUED

You traded sweat for stress. The stakes got higher, the mistakes smaller... but more consequential. Because in anesthesia, smooth hands better be steady. When everything's going right, nobody notices you. But when an airway doesn't look like the textbook, a vital starts to drift, or drops of blood begin accumulating too fast – suddenly, it's all on you. Welcome to stress in loafers.

But life also got rough in new ways.

Now you are carrying responsibility with every medication, every airway, every decision. It's not just muscle memory — it's mental chess, played against time, physiology, and occasionally, the EMR.

Matt Stell's lyrics continue:

"Now the daily grind, it never stops / I got an empty soul and a full inbox."

Your inbox is full of requests to complete your EPIC documentation, duty hours reports and a plethora of other things. But somehow, through all that — you grew.

You became the physician who can glance at a monitor and know something's off before the alarm even thinks about beeping. You figured out how to advocate for patients, even when you were exhausted.

As you finish your time at MUSC, take a moment to thank your nurses and anesthesia techs for pretending not to judge you when you asked for help turning on the Bair Hugger... for the third time.

Thank the faculty for teaching you not just how to think, but when *not* to panic.

Thank your co-residents and junior residents for being the people who understood every breakdown, and every "Is it Friday?" on a Tuesday

Finally, thank your families and spouses for the missed birthdays, and holidays.

Now you head into the next chapter — fellowship, private practice, or attending life.

The inbox will still be full. The call rooms may or may not be cleaner. But you are different now.

You are capable and confident.

You have failed and learned, cried and recovered, lost and grown. And through it all, you showed up. For our patients. For each other.

In conclusion, I, along with the faculty, staff and junior residents want to thank you for these past years. Each one of you truly will make a difference in this world. I hope you and your family enjoy the night's celebration. To the class of 2025, good luck and God bless you.



RESIDENT AND FELLOW GRADUATION

Hippocratic Oath

Today in the presence of family, friends, teachers, and colleagues, I dedicate myself to the profession of Medicine.

I pledge myself to the service of humanity.
I will use my skills to care for all in need, without bias and with openness of spirit.

The health of my patients will be my first concern.
I vow to hold sacred the bond between doctor and patient.
I will hold in confidence all that my patients entrust to me.

I will strive to alleviate suffering.
I will respect the dignity and autonomy of my patients in living and in dying.

As a Physician, I recognize my duty to society.
I will work to promote health and prevent disease.
I will advocate for the welfare of my community.
Even under duress, I will not use my knowledge or my skills against humanity.
I will acknowledge my limitations and my mistakes so that I may learn from them.

To uphold these responsibilities, I will maintain my own well-being and the well-being of those close to me.
I will promote the integrity of the practice of Medicine.
In the tradition of my profession, I honor all who teach me this Art.

Through honest and respectful collaboration with my colleagues, I will seek new knowledge, re-examine ideas and practices of the past, and teach what I have learned.
Above all, the health of my patients will be my first concern.

This Oath I take freely and upon my honor.

Graduation Program

6:00 pm Cocktails & Hors d'oeuvres

6:30 pm Dinner

7:00 pm Graduation Ceremony & Awards

Welcome Scott Reeves, M.D., MBA
Department Chairman

Faculty Awards 2024-2025 Chief Residents
CA-1 Teacher of the Year
CA-2/3 Teacher of the Year
Outstanding Faculty Member of the Year

Resident Awards GJ Guldán, M.D.
Residency Program Director
Dr. Laurie Brown Resident Teacher of the Year
Dr. John E. Mahaffey Resident of the Year
Dr. Jerry G. Reeves Resident Researcher of the Year

Joel Sirianni, M.D.
Associate Residency Program Director

Robert Bowen, M.D.
Associate Residency Program Director

Nicole McCoy, M.D.
Director of Resident Research

Resident Diplomas GJ Guldán, M.D.
Residency Program Director

Fellow Diplomas George Whitener, M.D.
Cardiothoracic Anesthesia Fellowship Director
Tara Kelly, M.D.
Regional Anesthesia Fellowship Director

Hippocratic Oath GJ Guldán, M.D.
Residency Program Director

Medical University of South Carolina



The Department of Anesthesia
and Perioperative Medicine

presents

2025

Resident and Fellow Graduation

Founders Hall Charleston

June 13, 2025
at six o'clock in the evening

2024-2025 Graduating Residents

Dylan Bieber, M.D.

Anesthesiologist
UM Sparrow Hospital, Lansing, MI

Bradley Ryan Campbell, M.D.

Anesthesiologist
VA Hospital, Columbia, SC

Matthew Holt, M.D.

Anesthesiologist
Tidelands Health, Georgetown, SC

William Irick, M.D.

Anesthesiologist
Anesthesia Consultants of Virginia, Roanoke, VA

Jacob Jarecke, M.D.

Anesthesiologist
Barton Memorial Hospital, South Lake Tahoe, CA

Matthew Lebow, M.D.

Anesthesiologist
UCLA West Valley Hospital, Los Angeles, CA

Joshua Muccitelli, M.D.

Anesthesiologist
Anesthesia Assoc. of Chas., Charleston, SC

Taylor Ouellette, D.O.

Anesthesiologist
NCAP, Fort Collins, CO

Patrick Saad, D.O.

Anesthesiologist
Baycare Morton Plant, Tampa, FL

Robert Shebiri, D.O.

Anesthesiologist
Atrium Health CMC, Charlotte, NC

Matthew Stumme, D.O.

Pediatric Anesthesia Fellow
Boston Childrens Hospital, Boston, MA

Richard Uhlenhopp, M.D.

Pain Medicine Fellow
KU Medical Center, Kansas City, KS

Mollianna Walker, M.D.

Joining Anesthesia Faculty
MUSC, Charleston, SC

Harper Wilson, M.D.

Anesthesiologist
Piedmont Triad Anesthesia, Winston Salem, NC

2024-2025 Chief Residents

William Nolan Bagnal, M.D.

Anesthesiologist
Anesthesia Assoc. of Chas., Charleston, SC

Davis Osborn, M.D.

Anesthesiologist
Anesthesia Assoc. of Chas., Charleston, SC

Elizabeth Farris Langley, M.D.

Anesthesiologist
Anesthesia Assoc. of Chas., Charleston, SC

2024-2025 Graduating Fellows

Cardiothoracic Anesthesia Fellows

Jon Handy, M.D.

Cardiac Anesthesiologist
IU School of Medicine, Indianapolis, IN

Ryan Valk, M.D.

Anesthesiologist
Associated Anesthesiologists, United Hospital, St. Paul, MN

Paul Shanahan, M.D.

Anesthesiologist
Emory University, Atlanta, GA

Regional Anesthesia Fellow

Julie Chedister, M.D.

Anesthesiologist
Anesthesia Assoc. of Chas., Charleston, SC

RESIDENT AND FELLOW GRADUATION



GRADUATION AWARDS



CA 1 Faculty Teacher of the year

Dr. Latha Hebbar



CA 2/3 Faculty Teacher of the year

Dr. David Carroll

The 2024-2025 Outstanding Faculty of the Year

Dr. David Carroll



The Dr. Laurie Brown Resident Teacher of the Year Award

Dr. Jacob Jarecke



The Dr. John E. Mahaffee Resident of the Year Award

Dr. Farris Langley



The Dr. J.G. Reves Resident Research Award

Dr. Richard Uhlenhopp

MEET OUR 2025-2026 INTERN CLASS



Richie Cardillo, D.O.

Dr. Cardillo grew up in Asheville, NC where he spent much of his time enjoying the mountains and outdoor activities. He and his wife just had a daughter in February of this year and they are excited to see her grow up on the beach. They also have a dog and 2 cats that will be traveling to Charleston with them. Prior to medical school, he worked as a Physician Assistant in orthopedics. Dr. Cardillo is excited to start this journey as a resident at MUSC!



Joseph Caruso, M.D.

Dr. Caruso was born and raised outside of Philadelphia in Voorhees, NJ, where he grew up a huge Philly sports fan, playing baseball, and spending summers at the Jersey shore. This will be his second stint in the state of South Carolina after graduating from Clemson University in 2019. He attended medical school at the University of Virginia and couples matched at MUSC with his girlfriend Alyssa who matched into orthopedic surgery. They enjoy staying active, watching sports, and trying new restaurants.



Chris Cooke, M.D.

Dr. Cooke is an SC native, born and raised in Columbia, SC. He attended Clemson University, where he earned a degree in Biology and witnessed two national championships (Go Tigers!). After Clemson, he moved back home to attend medical school at USC—Columbia. When he is not at work, he loves to exercise, play pickleball and spend time with family and friends.



Tyler Elmendorf, M.D.

Dr. Elmendorf was born and raised in Leawood, KS. He earned his undergraduate degree in chemistry from the University of Arkansas before returning to Kansas City to attend medical school at the University of Kansas. In his free time, Dr. Elmendorf enjoys playing golf and tennis, fishing, and cheering on the Kansas City Chiefs.



Sarah Fuller, M.D.

Dr. Fuller was born and raised in Daphne, AL where she played five sports in high school. She attended Florida State University for her undergraduate degree in Biochemistry while also twirling for the FSU Majorettes, winning a few national championships and working up the ranks to become the Feature Twirler. She moved back to Alabama to obtain her medical degree from the UAB Heersink School of Medicine. She recently got married to her husband, Camden, and together they have a cat and dog that they love to spoil! In her free time, Dr. Fuller loves to bake, watch sports, and do various arts and crafts like painting her nails and making bracelets.



Chamara Gunaratne, M.D.

Dr. Gunaratne is from Tallahassee, FL. He attended the University of Florida for both undergrad and medical school. In his free time he enjoys watching TV shows, playing video games, rock climbing, trying new restaurants and experimenting with making different types of espresso drinks. He is excited to be starting at MUSC and can't wait to meet everyone!



Adam Hoesley, M.D.

Dr. Hoesley was born and raised in Birmingham, Alabama. He attended Auburn University, where he earned a degree in biomedical sciences, before returning home for medical school at UAB. He moved to Charleston with his wife, Annie, who is a registered nurse. In his free time, he enjoys traveling, trying new restaurants with his wife, and all things sports—as a lifelong Chicago Cubs fan and a loyal Auburn graduate.



Erin Kelly, M.D.

Dr. Kelly was born and raised outside of Philadelphia. She went to Penn State (We Are!) where she majored in Biochemistry and Molecular Biology. After completing her undergraduate degree, she attended Drexel University College of Medicine to complete medical school. In her free time, she enjoys going to the beach, oil painting, going for runs, and spending time with family and friends.



Luke Lancaster, M.D.

Dr. Lancaster is a South Carolina native, born and raised in York. He studied biology at Emory University before attending MUSC for medical school. In his free time, he enjoys spending time with his family including his wife Morgan, son Monroe, and daughter Merritt. His hobbies include going to the beach, flounder gigging, and playing golf.

MEET OUR 2025-2026 INTERN CLASS



Lane Langston, M.D.

Born and raised in Norcross, GA, Dr. Langston is a Georgia native through and through. He went to the University of Georgia for undergrad (Go Dawgs!) and earned his medical degree from the Medical College of Georgia. He couples matched at MUSC with his amazing wife, Erin, who's also starting her internal medicine residency this year. When he's not in the hospital, you'll probably find him playing golf, pickleball, tennis—or pretty much any sport he can convince someone to play with him. He's also a big music fan and loves playing the guitar and catching live shows. As huge beach lovers, they are excited to be moving to Charleston, and can't wait to spend their days soaking up the sun, surfing with friends at Folly Beach, and introducing their dog, Margeaux, to the ocean for the first time.



Emma Lawrence, M.D.

Dr. Lawrence is originally from Charleston, South Carolina. She received her BS in Nutrition from Clemson in 2021, followed by her medical degree from MUSC. In her free time she enjoys going to the beach, out on the boat, or to group fitness classes!



Matthew McCarron, M.D.

Dr. McCarron was born and raised in Virginia. He completed both his undergraduate and master's degrees in chemistry at the College of William & Mary before earning his medical degree from Eastern Virginia Medical School. He is excited to begin his anesthesiology residency at the Medical University of South Carolina where he is committed to providing compassionate, patient-centered care. Outside of medicine, Matt enjoys spending time with family, reading, and woodworking.



Jacqueline Morey, M.D.

Dr. Morey is originally from St. Louis where she attended Wake Forest for her undergraduate studies before heading to Michigan for medical school. Growing up, she did competitive gymnastics with her two older sisters, which has shaped her into who she is today. In her free time, she enjoys photography, surfing, traveling/travel advising, hiking, and listening to live music. She looks forward to meeting everyone and exploring more of Charleston!



Naveen Perisetla, M.D.

Dr. Perisetla was born in Newark, NJ, and spent a year living in India before moving to Florida. He earned his undergraduate degree from the University of Central Florida, where he also worked as an EMT in Orlando, and went on to receive his medical degree from the University of South Florida. Outside of medicine, he enjoys cooking (his specialties include spatchcocked chicken and banana pancakes) and lifting weights. A former college tuba player, he now enjoys a variety of music genres, including alternative, hip hop, and rock.



Madison Rabel, M.D.

Dr. Rabel grew up in Greenville, South Carolina, and completed her undergraduate studies at Clemson University before attending medical school at MUSC. She's thrilled to be staying in Charleston for residency. When she's home, she enjoys spending as much time as she can on the water or taking her dog to the beach. She also loves to travel and try to find time for hiking, camping, or snowboarding on her trips.



Natalie Shugart, M.D.

Dr. Shugart was born and raised in Piedmont, South Carolina. She completed her undergraduate degree in Communication and Spanish at Clemson University. She then spent a year scribing in Pulmonology and married her husband, Will, before starting medical school. She and Will both attended MUSC for medical school and couples matched into Anesthesiology and Pediatrics. In her free time, Natalie loves running, playing golf, reading books, and painting.



Michael Stephens, M.D.

Dr. Stephens was born and raised in Melbourne, FL and is excited to be returning to the beach after four years of living in the mountains of West Virginia. Before pursuing medicine, he served for over a decade with Naval Special Warfare at SEAL Team 2. During this time, he held the position of platoon lead Special Operations Combat Medic (SOCM). He's married and proud to be a father of four, including a set of energetic twins.



Anthony Waters, M.D.

Dr. Waters was born in Orlando, Florida, and earned his undergraduate degree from the University of Florida. Though he will always be a gator, he fell in love with Charleston as a medical student at MUSC and chose to stay for training. In his spare time, he enjoys the outdoors, local trivia, spending too much money at Costco, haggling at vintage markets, working out, and geeking out about space.

MEET OUR 2025-2026 CA1 CLASS



Amar Alnemer, M.D.

Dr. Alnemer was born in Syria and raised in Columbus, OH. He completed both college and medical school at Ohio State University. When not at work, he enjoys spending quality time and traveling with his wife and co-resident Jo. He also loves watching OSU Football, playing soccer, going to the gym, and listening to rap.



Brenna Becnel, M.D.

Dr. Becnel is originally from Columbia, LA, and attended both college and medical school at Louisiana State University (Geaux Tigers!). She trained for two years with the MUSC Internal Medicine department before transitioning to anesthesiology. Outside of work, she is usually spending time with her husband, Ben, and daughter, Lane. She enjoys being outdoors, exercising, playing pickleball and golf, and gardening.



Sevanna Boleman, M.D.

Dr. Boleman is from Barnwell, SC. She studied Genetics at Clemson University before attending medical school at MUSC. In her free time, you can find her reading, walking around Charleston, listening to Taylor Swift, or going on the boat with her family and friends.



Boone Coleman, M.D.

Dr. Coleman is a born and raised Texan. He and his wife, Hailey, enjoy getting out to play golf and tennis. His hobbies are playing electric guitar, piano, and just making music. After residency, he is interested in pursuing fellowship training in Critical Care.



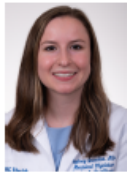
Josh deGuzman, M.D.

Dr. deGuzman is a SC native, born in Greenville and raised in Spartanburg. He attended Clemson University for undergrad with a degree in Health Science (Go Tigers!) and completed medical school at USC Columbia (Go Tigers still). Prior to beginning med school, he was an anesthesia technician here at MUSC and he couldn't be more stoked to be back for residency. Outside of work, you can find him out on the water fishing, on the golf course/soccer pitch, cheering on the Tigers in Death Valley, or listening to live music at a brewery.



Joanne Du, M.D.

Dr. Du was born and raised in Rochester Hills, MI. Growing up, she spent her summers visiting family in Taipei, Taiwan. She attended Ohio State University for her undergraduate studies and stayed to attend medical school, where she met her husband, Amar. In her free time, you can find her with her digital camera, trying new restaurants, listening to Mac Miller, cheering on the Detroit Lions, and having picnics on the beach.



Sydney Greenlaw, M.D.

Dr. Greenlaw was born and raised in Alpharetta, GA, which is just outside of Atlanta. She attended the University of Georgia (Go Dawgs!) where she received a degree in biology and completed her medical degree at the Medical College of Georgia. In her free time, she enjoys watching cooking shows, listening to true crime podcasts, traveling, and going to watch the Braves (or any ATL team)!



Andrew Groneck, M.D.

Dr. Groneck will be joining the MUSC Anesthesiology Residency from the University of Missouri School of Medicine in his home state of Missouri. He and his wife, Madeleine, are both graduates of the University of Mississippi and cheer on their Rebels, even though they are in enemy territory. In his free time, Dr. Groneck enjoys fishing, cooking, detailing cars, and golfing.



Grace Hartmann, M.D.

Dr. Hartmann was born and raised in St. Louis, Missouri. She attended undergrad at the University of California Santa Barbara and medical school at the University of Kansas. In her free time, she enjoys baking, watching football (Go Chiefs!), and spending time outdoors.

MEET OUR 2025-2026 CA1 CLASS



Rick Killeen, M.D.

Dr. Killeen is originally from Louisville, KY. He went to the University of Louisville for medical school and then did a year of Surgery in Chattanooga, TN. In his free time, he loves doing anything outdoors with his dog and wife. He also loves to golf, play pickleball, and cook.



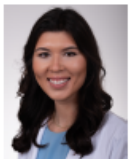
Chase Kunich, M.D.

Dr. Kunich was raised in the small town of Ridgeland, SC, before attending USC-Columbia for undergraduate studies in Biology. He earned his medical degree from MUSC. Outside of work, he likes to spend his time at the gym, the Breech Inlet on Isle of Palms, or Brittlebank Park to watch the sunset with his finance. He also enjoys playing with his dog, Honey, and attending concerts in the Charleston area.



Jocelyn Matheson, M.D.

Dr. Matheson grew up in Nashville, TN before attending The University of Alabama for her undergraduate studies (Roll Tide!). Having loved Alabama so much, she decided to stay for a few years, splitting her time between the healthcare field and other ventures in programming. She later moved to Memphis for medical school at the University of Tennessee. Dr. Matheson enjoys spending time with her husband and family, cooking at home, and any outdoor activity, particularly bass fishing. She and her husband took advantage of living near Lake Frances in Charleston and plan to enjoy fishing as often as possible.



Breanna Orcutt, D.O.

Dr. Orcutt was born and raised in Dallas, TX. She completed her BA and MA in Medicine, Health, and Society at Vanderbilt University, and earned her medical degree from the Texas College of Osteopathic Medicine. She currently lives on Johns Island with her husband and loves exploring Charleston in their free time, whether it be going to the beach or trying new restaurants.



Cooper Pitts, M.D.

Dr. Pitts was born in Atlanta, GA, and grew up in Charleston, SC. He attended Virginia Tech for undergrad where he studied Chemical Engineering. After his 4 years in Blacksburg, VA, he came back to Charleston for medical school at MUSC. In his free time, you can find him either at the beach or on the boat with his golden retriever who is the definition of a water dog. He also loves trying all of the new restaurants and happy hours that continuously pop up in Charleston.



Ladd Platt, M.D.

Dr. Platt was born in Arkansas and raised in Columbia, SC. He attended USC where he studied Public Health and Piano Performance, and then attended MUSC for medical school. In their free time, Ladd and his wife, Julia, enjoy working out at CrossFit to make room for many Iggy's Pizza Shop and Home Team nachos trips. They also enjoy listening to live music, relaxing on Sullivan's Island, exploring downtown Charleston, cooking meals, and playing various board games, such as Parcheesi and Catan.



Paul Reichert, M.D.

Dr. Reichert was born and raised in Kettering, OH. He attended Ohio State University and graduated in 2009 with a BA in Zoology. After graduation, he worked for a time in the tool & die industry before returning to school to become a registered nurse. Shortly after earning his nursing degree, he commissioned in the US Air Force. Paul spent the next 6 years on active duty, stationed at Keesler AFB, MS; Al Udeid Air Base, Qatar; and Royal Air Force Lakenheath, UK. Paul met his spouse, Jen, an active duty USAF RN as well, while stationed at Keesler AFB. Together, they have a daughter, Rosalie. Dr. Reichert attended Dartmouth for medical school. He enjoys participating in and watching sports, cooking, and hiking with Jen, Rosie, and their dog, Nana.



Michael Schuller, D.O.

Dr. Schuller is a trilingual, first-generation American born in St. Petersburg, FL. He received his undergraduate degree from the University of South Florida in Tampa before completing medical school at Kansas City University College of Osteopathic Medicine in Missouri and clinical rotations in Detroit, MI. He has prior medical experience as a transporter, patient care tech, and cardiac telemetry tech. Dr. Schuller is most excited about the transplant and cardiac anesthesia opportunities at MUSC, and he is interested in cardiothoracic and critical care fellowships. Michael and his wife, Hannah, live in downtown Charleston and enjoy fitness, sports, gaming and the beach.

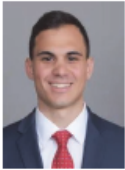


Colton Southard-Goebel, M.D.

Dr. Southard-Goebel is from Fort Wayne, IN, attended Wheaton College in Illinois as an undergraduate and Indiana University for medical school. Colton enjoys pickleball, all forms of games, watching movies, meeting new friends, and spending time with his wife, Anah, and their 2 dogs and cats, Winnie, Milo, Kai, and Lunchbox at their home in West Ashley.

MEET OUR 2025-2026 FELLOWS

Critical Care Anesthesia

**Ryan Keklik, D.O.**

Dr. Keklik was born and raised in Trumbull, Connecticut. He went to college at Fordham University in New York City, then attended NYIT-COM for medical school. He completed his Emergency Medicine residency at Baylor University Medical Center in Dallas, TX. Outside of the hospital, Dr. Keklik enjoys running, lifting weights, golfing, and cooking with his wife.

Pediatric Anesthesia

**Jenna Littmann, M.D.**

Dr. Littmann is a born and raised Northerner between childhood in Connecticut, college and graduate school in Pennsylvania, and residency in New York, but since moving south for her critical care fellowship, she is definitely staying south! She has been an athlete for as long as she can remember and enjoys all things that get her in motion, and for the last 8 years has become an avid Spartan racer and hybrid athlete - competing in over 100 events since 2017. Some of her other hobbies include spending time with her family, finding new local restaurants, reading, and putting together jigsaw puzzles.

Pain Medicine

**Christopher Wallace, M.D.**

Chris is excited to be the pain fellow for 2025–26. He's originally from Atlanta but has moved around quite a bit—attending UNC for undergrad, MCG for medical school, and completing his Emergency Medicine residency at the University of Michigan in Ann Arbor. For the past six years, he's been practicing full-time emergency medicine in Austin, TX, alongside his wife (a pediatric ED physician), while raising their 3-year-old daughter. He's really looking forward to meeting and working with all of you this year!

Cardiothoracic Anesthesia

**Stephanie DeFord, M.D.**

Stephanie is coming to MUSC from the University of Tennessee where she completed medical school and residency. She is moving with her husband, Sam, and their miniature poodle, Stella. In their free time, Sam and Stephanie enjoy running, cooking, and exploring new restaurants and breweries.

**Nolwenn Phan, M.D.**

Dr. Phan was born in France and raised in Hawaii. She moved to Seattle, Washington for residency at the University of Washington. Dr. Phan and her partner have a sweet 13.5 year old pit-mix. In her free time, she likes to travel, play board/card games, cook, and spend time with friends and family.

**Whitney Wolaver, M.D.**

Dr. Wolaver grew up in Northern VA, but has a lot of family in western PA, specifically the Pittsburgh area. She is a huge Pittsburgh sports fan. She went to VCU in Richmond, VA for medical school and residency. Dr. Wolaver has a wonderful fiancé, who is a clinical pharmacist, and two cats named Dex and Remi.

MUSC CATALYST NEWS—NOVEL PAIN TREATMENT GIVES PATIENT NEW LEASE ON LIFE

Rosie Skinner was a woman on the move. She walked. She hiked. She ran long distances, even completing half-marathons and marathons.

Until one day, she couldn't.

Skinner had suffered from pain in her lower back for decades. In 2021, after moving to Moncks Corner from Indiana, Skinner, 76, sought the expertise of anesthesiologist Martin Burke, M.D., an MUSC pain management expert.

For several years, Burke treated her with cortisone injections, medications and radiofrequency ablation procedures. Other treatments included referrals to physical therapy and home exercise programs.

Nothing worked. The pain had become unbearable and was stealing her mobility. "I could barely stand up straight, much less walk comfortably," she said.

In the summer of 2024, Burke told her about ReActiv8, a unique neurostimulator procedure that not only relieves pain but also restores muscle function and improves physical function in patients. He asked her if she would be interested in trying it.

Skinner didn't hesitate.

"I said, 'Yes, let's do it.' I didn't question him. I trusted Dr. Burke's judgment and was willing to try anything as long as it got rid of my pain."

Her procedure was scheduled for that August.

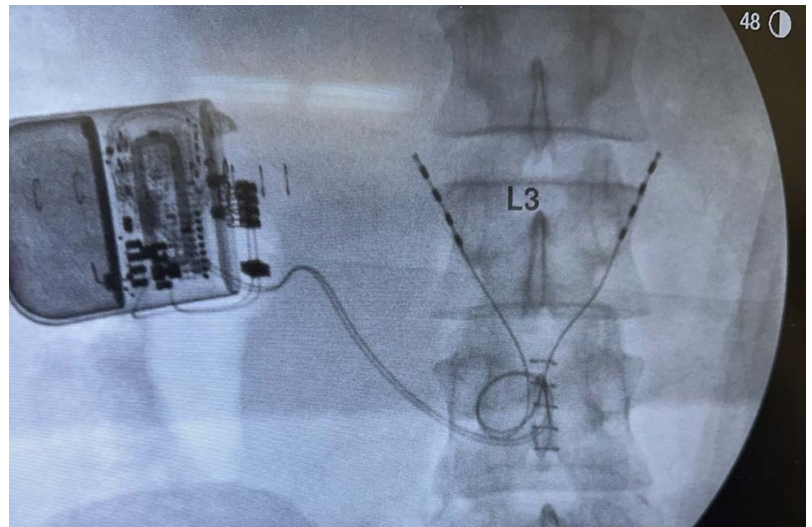
Burke had just begun using ReActiv8 on his patients whose conditions qualified them for the treatment with encouraging results.

"Improvement has been profound," Burke said. "This neurostimulator procedure satisfies two key goals: pain relief and functional improvement. It is the only treatment we have in our field that can fix the problem; it's not just palliative."

Burke said the device is unique in that it targets a specific cause of many patients' low back pain: multifidus muscle dysfunction. The multifidus muscle runs along each side of the lumbar spine and is the key stabilizing muscle in the low back. Trauma, whiplash and strain can affect its function, increasing stress on the lumbar spine and often resulting in pain and muscle atrophy.

"We can see this on an MRI and also tell if the muscle isn't functioning correctly, based on certain physical exam maneuvers that we do," he said.

ReActiv8, which consists of one battery and two wires and comes with a remote control, is implanted during a 45 to 60-minute outpatient procedure. Burke makes a 1-inch-long incision in the middle of the back and a 2-inch incision in the patient's flank, where the battery is inserted under the skin.



ReActiv8 is a neurostimulator that not only relieves pain but also restores muscle function and improves physical function.



Dr. Martin Burke

MUSC CATALYST NEWS—NOVEL PAIN TREATMENT GIVES PATIENT NEW LEASE ON LIFE

The device is activated two weeks later. Patients are instructed to use the device twice daily for 30 minutes by putting the control device, which resembles a TV remote, over the battery site. This activates the wires, which prompt the muscle to contract, triggering what patients describe as feeling “like a deep massage,” Burke said.

Over a few months, the muscle function begins to return, Burke said. “I’ve implanted hundreds of pain devices, but this neurostimulator procedure is the only one we have in our field that truly is restorative.”

He is encouraged by long-term results that show significant improvement in patients who are implanted with the device.

“Some of these patients have been in chronic pain for 25 to 40 years. Five-year data show that almost 70% of patients had eliminated or reduced their opioid medication, and about 80% had improved significantly to a level where they could resume daily activities they previously had been unable to do, whether it’s playing golf, participating in other sports or even simple things like standing long enough to make a peanut butter and jelly sandwich,” he said.

Implantation is considered permanent, but the device can be removed if needed. The neurostimulator procedure is not a first-line treatment, Burke said. It is reserved for patients whose pain and dysfunction have not responded to physical therapy, medications and, when appropriate, injections and whose conditions cannot be corrected surgically.

Skinner was an ideal candidate. Nearly a year after her implantation, she has resumed her activities.

“The ReActiv8 is a terrific little instrument, and it completely took away my pain,” she said. “My recovery time was so much better than anything I’ve tried, and thanks to Dr. Burke, I’m moving and walking so much more.”

And ... she just bought a treadmill.

DR. BELL—FACULTY OF THE QUARTER

“In recognition of her outstanding support during the integration of the NMT module with EPIC. Throughout the integration process in the OR, Dr. Bell consistently went above and beyond to ensure its success, providing invaluable assistance to the team at every step.

Dr. Bell’s unwaveringly positive attitude and “can-do” mindset made a significant difference during a complex and demanding process. Her collaborative spirit and reliability truly exemplify excellence to the team.

It is a privilege to work alongside Dr. Bell, and I am deeply grateful for her professionalism, dedication, and generosity of time and talent. She is truly deserving of this recognition.”



CONGRATULATIONS TO DR. HATTER AND FAMILY!

The Hatters are thrilled to announce the birth of their daughter Charlotte Elise, who joined their family on May 8th!

**COLLEGE OF MEDICINE—RESIDENT OF THE MONTH**

Ryan Campbell, M.D., a PGY-4 in the Department of Anesthesia & Perioperative Medicine, has been named Resident of the Month. In part, his nominations shared the following:

“Wanted to recognize Ryan Campbell for all he did to help the liver team out today! While staring down an indefinite ICU hold for liver transplant 3 of 4 in two days, Ryan helped us convince PACU staff to let us move our patient out there and volunteered to continue our anesthetic himself so that we could get our room turned over and onto the next liver. He did it happily and saved us from an extra few hours of lost time, and all this was on top of helping out with airways and lines for both livers. It didn’t have to be his problem, and It really meant the world to us.”

Congratulations to Dr. Campbell. Thank you for your dedication and helping us change what’s possible for those we serve!



Dr. Ryan Campbell

RESEARCH CORNER

Education

Baby steps to mastery: building blocks for novices in pediatric regional anesthesia

John G Hagen ¹, Deepa Kattail ², Natalie Barnett ³, Robert Scott Dingeman,⁴ Cassandra Hoffmann,⁵ Michele Nichols,⁶ Angela D Stengel,⁶ Sampaguita Tafoya ⁷, Claude Ecoffey,⁸ Giorgio Ivani ⁹, Tripali Kundu,¹⁰ Per-Arne Lönnqvist ¹¹, Annabel Pearson,¹² Robert Wilder,¹³ Debabrata Banik,¹⁴ Noredine Bouarroudj ¹⁵, Cheryl S L Chooi ¹⁶, Nandini Dave ¹⁷, Palanichamy Gurumoorthi,¹⁸ Kathryn S Handlogten ¹⁹, Stefan Heschl ²⁰, James Koziol ²¹, J Matthew Kynes ²², Gabriela Lopez,²³ Amjad Maniar ²⁴, Maryrose Osazuwa,²⁵ Vrushali Ponde,²⁶ Ban C H Tsui ²⁷, Lloyd R Turbitt,²⁸ Santhanam Suresh²⁹








Natalie Barnett, MD

Wiley
Case Reports in Anesthesiology
Volume 2025, Article ID 1692478, 3 pages
<https://doi.org/10.1155/cria/1692478>

WILEY

Case Report

Timing of Epidural Placement After an Epidural Blood Patch

Tara L. Kelly , William Barrett , Amanda Bunnell , Toby B. Steinberg , and Christopher Wolla 



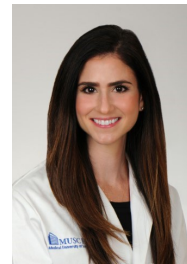
Tara Kelly, MD



William Barrett, DO



Amanda Bunnell, MD



Toby Steinberg, MD



Chris Wolla, MD

RESEARCH CORNER

Translational Psychiatry

www.nature.com/tp

ARTICLE OPEN

Check for updates

Central amygdala astrocyte plasticity underlies GABAergic dysregulation in ethanol dependence

Todd B. Nentwig¹, J. Daniel O'Bray¹, Anna Krueger^{1,2}, Erik T. Wilkes¹, Dylan T. Vaughan^{1,3}, Michael D. Scofield¹ and L. Judson Chandler^{1,2}

Michael Scofield, PhD

SOUTH CAROLINA PEDIATRIC AND CONGENITAL HEART PROGRAM 2024 RESULTS

Once again, our Pediatric and Congenital Heart Program is recognized as providing exceptional care by the Society of Thoracic Surgeons Congenital Heart Surgery Public Reporting! Our overall 4 year observed mortality is 1.45% (STS average 2.66%) and our observed/expected mortality is 0.60 (95% CI: 0.37, 0.91) – significantly better and 40% less than expected! Since public reporting began in the spring of 2015 the number of programs that have been significantly better than expected has ranged from 6-12 for any given harvest (out of ~120 programs nationally), with us being one of them every year highlighting our consistency in providing exceptional care!

In addition to outstanding survival our length of stay is lower than the national average for 8 of 10 benchmark operations and all 5 STAT Categories!

Over these 4 years, our annual number of operations have increased every year from 423 (CY2021) to 540 (CY2024), a 27.6% increase.

We are transparent in our outcomes and provide public reporting on the STS website:

<http://publicreporting.sts.org/chsd>

This is an amazing accomplishment for our talented surgeons, entire group here, and our truly amazing statewide team! Without all your contributions this would not be possible. We should all be very proud.

Eric M. Graham, MD, FAHA, FACC

Professor of Pediatrics

Chief, Pediatric Cardiology



GRAND ROUNDS—JULY 2025



“From Stimulators to Structural Solutions: An Anesthesiologist’s Guide to Modern Interventional Pain Therapies ”

Chris Mallard, MD, Assistant Professor

July 1, 2025

**Dept. of Anesthesiology
University of Kentucky Health Care**



TBA

Eric Schwenk, MD, Professor

July 8, 2025

**Dept. of Anesthesiology
Thomas Jefferson University**



“DaVinci Robot and Anesthesia”

Betts Bishop, RN

July 15, 2025

**Dept. of Surgery
Medical University of South Carolina**



Faculty Meeting

Scott Reeves, MD, Professor and Chair

July 22, 2025

**Dept. of Anesthesia & Perioperative Medicine
Medical University of South Carolina**



TBA

Anne Maitland, MD, PhD, Associate Professor

June 23, 2025

**Dept. of Medicine
Medical University of South Carolina**

DEPARTMENT OF ANESTHESIA AND
PERIOPERATIVE MEDICINE

Email: hameedi@musc.edu

Phone: 843-792-9369

Fax: 843-792-9314

[CHECK OUT OUR WEBSITE](#)

Future Events/Lectures

CA 1 Lecture Series

June—independent study for exams



Follow us on Facebook, Instagram, and
Twitter:



 Follow @MUSC_Anesthesia



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



Holiday Party
Saturday, December 6, 2025
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 August edition will be July 18, 2025.