



SLEEPY TIMES

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MESSAGE FROM THE CHAIRMAN: RESIDENTS CONTINUE TO EXCEL BY GJ GULDAN

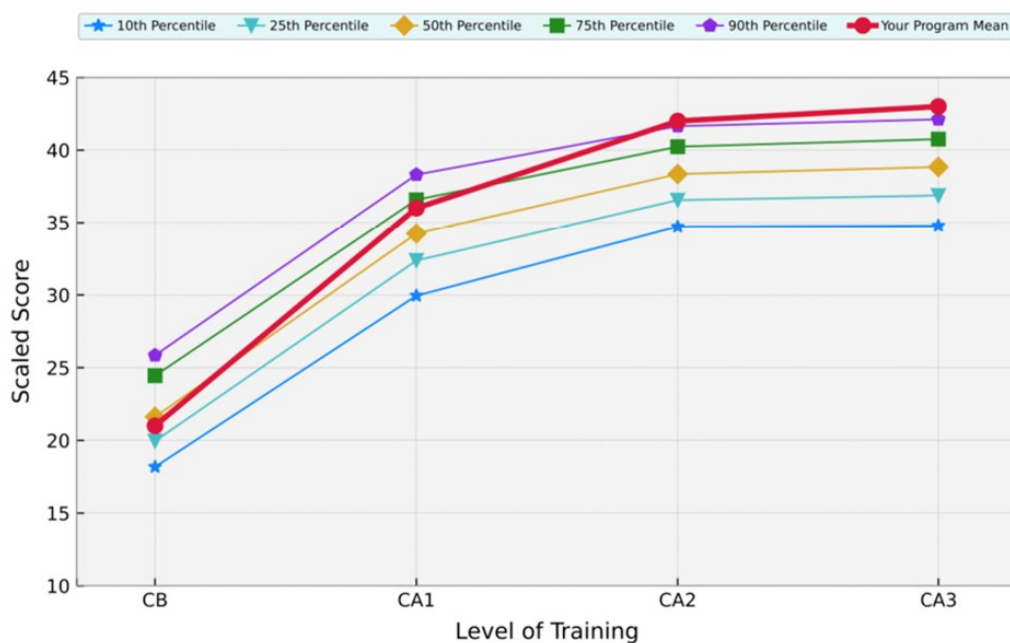
-Scott T. Reeves, MD, MBA

GJ and I wanted to take a minute to share our residents' composite performance on the 2025 ABA ITE exam. Each year the ABA shares a growth in knowledge graph for our CA2 and CA3 residents which compares our classes average score vs the other 179 programs nationally. This year both the CA2 and CA3 classes average raw score was in the top 5% nationally, i.e. our program's performance is in the top 10 programs nationally out of the 179 anesthesiology residency programs.



Growth in Knowledge of CA3 Residents

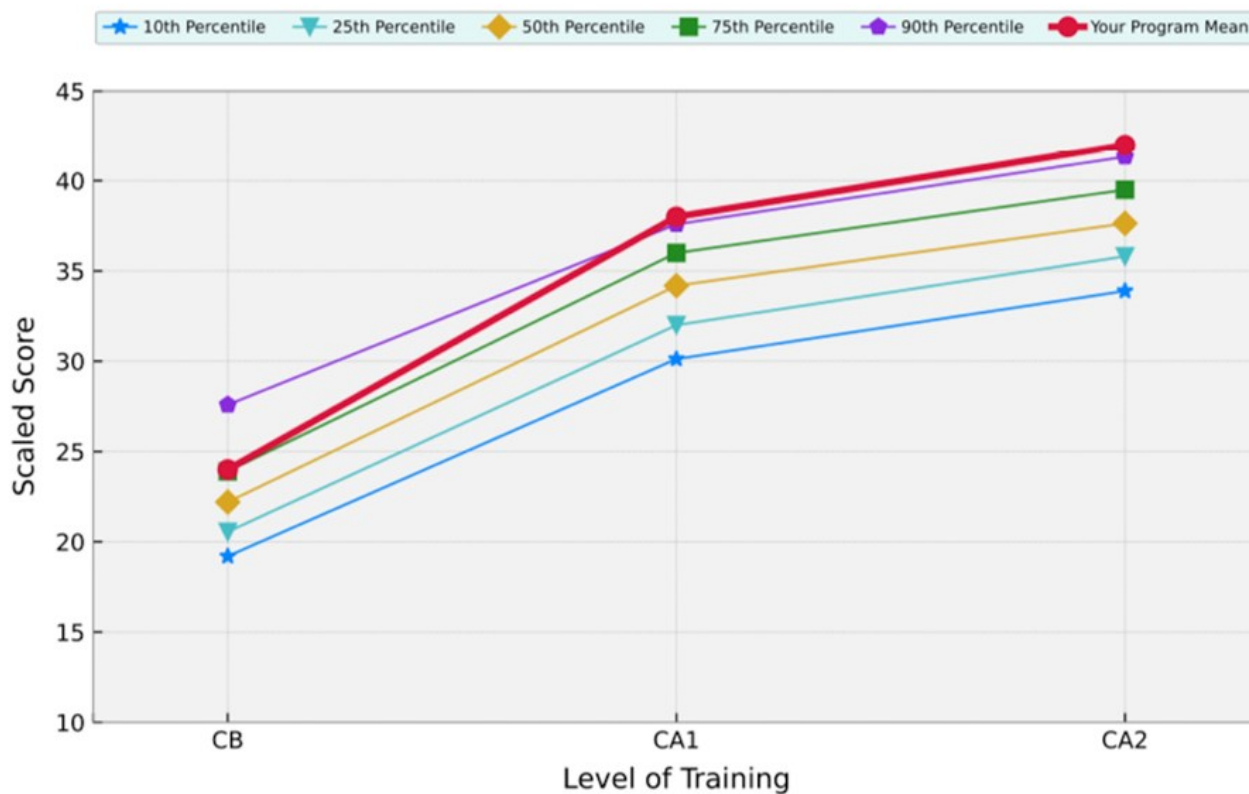
Program Number: 147001



OPENING STATEMENT CONTINUED

Growth in Knowledge of CA2 Residents

Program Number: 147001



In addition, we had a new record 14 residents score above the 90th percentile individually and two residents with perfect scores as well. This is testament to our residents' dedication to becoming outstanding Anesthesiologists and our faculty and education offices hard work teaching them. As always, we are extremely proud to be part of such an outstanding group. Finally, we wanted to congratulate each resident who scored above the 90th percentile this year by class.

CA3

Jacob Jerecke
 Farris Langley
 Davis Osborn
 Patrick Saad
 Richard Uhlenhopp
 Harper Wilson

CA2

Daniel Couper
 Drew Gianos * perfect raw score
 River Hames
 Ben Maxner * perfect raw score
 Micheal Reynolds

CA1

Joel Brenny
 John Goldin
 Zach Harper

WELCOME OUR 2025-2026 INTERN CLASS BY GJ GULDAN, MD

Dear Department, I am proud to announce the incoming 2025-26 Anesthesiology Intern class from this year's match. Thank you all for the your help in this process yet again; it is an essential part of our program. This year's well rounded group is extremely accomplished in academics, research, and community service. I look forward to them joining the department in June! Here are some quick preliminary stats from the group this year.

Matched Applicant Stats:

Average Step 2: 261.5

MUSC: 5

Visiting: 4

AOA: 6

Gold Humanism: 4

Gold Signals: 16

Silver Signals: 2



2025 – 2026 Intern Class



Ricard Cardillo
West Virginia School
Of Osteopathic
Medicine



Joseph Caruso
University of Virginia
School of Medicine



Christopher Cooke
University of SC
School of Medicine –
Columbia



Tyler Elmendorf
University of Kansas
School of Medicine



Sarah Fuller
UAB School of
Medicine



Chamara Gunaratne
University of Florida
College of Medicine



Adam Hoesley
UAB School of
Medicine



Erin Kelly
Drexel University
College of Medicine



Luke Lancaster
Medical University
of South Carolina



Lane Langston
Medical College of
Georgia - Augusta



Emma Lawrence
Medical University
of South Carolina



Matthew McCarron
Eastern Virginia Medical
School at Old Dominion
University



Jacqueline Morey
Oakland Univ William
Beaumont School of
Medicine



Naveen Perisetla
USF Health Morsani
College of Medicine



Madison Rabel
Medical University
of South Carolina



Natalie Shugart
Medical University
of South Carolina



Michael Stephens
West Virginia
University School
of Medicine



Anthony Waters
Medical University
of South Carolina

MEET OUR NEW CHIEF RESIDENTS

Madison Geating, M.D.

Dr. Geating grew up in Dacusville, SC, and earned her undergraduate degree in Biological Sciences from the University of South Carolina. After graduating college, she moved to Charleston and worked at MUSC as a patient care technician for two years before attending the University of South Carolina School of Medicine Greenville. In her free time, she enjoys taking golf cart rides around the peninsula, watching Eagles football with her husband, and playing with her three pets: Beau, Oscar, and Remi.



Austin Hogan, M.D.

Dr. Hogan was born and raised in southern Kentucky, located near Mammoth Cave National Park. He enjoys spending time with family and has many fond memories of summers spent camping with his grandparents. He completed his undergraduate degree in Biology at the University of Kentucky and obtained his medical degree from the University of Louisville. And yes, before you ask, he does indeed bleed blue! Go CATS! He completed a preliminary year in general surgery in Cincinnati, Ohio before making his way to beautiful Charleston for his anesthesiology training. When not at work, you can catch him lounging by the pool or at the beach, enjoying a good book, binging the latest cooking show or planning the next trivia night at a local brewery!



Olivia Waldthausen, M.D.

Dr. Waldthausen was born and raised in Summerville, SC, and went to the University of South Carolina for undergrad where she majored in Biomedical Engineering. She stayed in Columbia for medical school at USC and then was thrilled to have the opportunity to move home to complete her residency at MUSC. She and her husband live on Johns Island and you can find them hanging out at the beach, trying new restaurants in Charleston, or at the dog park with their yellow lab Trooper.

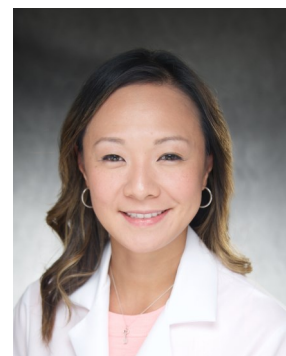
WELCOME TO THE DEPARTMENT



Justin Wikle, MD

I grew up in a small town near the border of Iowa and Illinois. After attending medical school in Chicago, I completed my Anesthesia residency at Duke University followed by a fellowship in chronic pain management at the University of Pennsylvania. For the past 8 years I was faculty at the University of Iowa where I split my time between the Acute Pain Service and Chronic Pain management. I am excited to work on developing a new Perioperative Pain Service (POPS) to help manage patients that may have difficulty in the perioperative setting. I look forward to meeting and working with everyone in the department as well as MUSC as a whole.

Dr. Dionne Peacher joins MUSC as an associate professor with board certifications in anesthesiology, cardiac anesthesiology, advanced perioperative transesophageal echocardiography, and clinical informatics. She completed anesthesiology residency at Duke and adult cardiothoracic anesthesiology fellowship at Brigham and Women's Hospital before going on to join faculty at Penn and then the University of Iowa. She is excited to make Charleston her new home along with her husband Justin and vizsla Elvis.



Dionne Peacher, MD



Tiana Keener
Education Program Coordinator

Hi all! I'm Tiana, and I'm thrilled to be joining the Department of Anesthesia and Perioperative Medicine as the new Education Program Coordinator II. Before this role, I served as the Medical Student Education Coordinator for the Department of Radiology starting in 2021.

I come from a military family and spent much of my childhood overseas before moving to the U.S., eventually landing in Myrtle Beach. I've called Summerville home for quite some time now. I'm a proud mom to two girls, have a bonus son, and am awaiting the arrival of my first grandbaby due this August. I'm excited to work with all of you and get to know each of you better!

Originally from Southern California, I make it a practice to visit the beautiful beaches here in South Carolina as often as possible. I'm a proud grandmother of a 2-year-old granddaughter, who is the love of my life. I've worked as an administrative assistant in anesthesia earlier in my career. I love to read, listen to music, and spend time with my furry friends of all kinds.



Kathryn Martin Gillam
Administrative Assistant

QUAPI LEADERSHIP AMY FRATTAROLI, CRNA

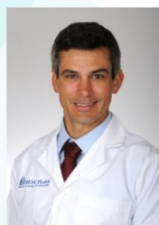
Hey everyone! My name is Amy Frattaroli, and I am looking forward to serving as the QUAPI co-chair. I have a strong interest in continually looking for ways to improve the care of our patients and am always open to hear any ideas or concerns one may have. I have been a CRNA since 2011 and have been at ART since 2015. I also have anesthesia experience at various offices and hospitals and occasionally cover at MUSC East, Main and RT. Prior to returning to MUSC I worked as a CRNA at Lexington Medical Center and the University of Maryland Medical Center. I am from Columbia, SC and attended Appalachian State University for environmental policy, MUSC for nursing and the University of South Carolina for anesthesia. When I'm not working, I enjoy doing pretty much anything outdoors and especially enjoy yoga, gardening and running and hanging out with my family! My husband, Andrew, is a City of Charleston firefighter and our girls are Giana, age 13, and Gabriella, age 11.



PREOPERATIVE PATIENT OPTIMIZATION WITH AMY SCHMOLL, DNP, CRNA AND CAREY BREWBAKER, MD

As a part of the APP council's professional development committee, Dr. Amy Schmoll DNP, CRNA presented an APP led lecture on 3/18/2025 to all MUSC APPs and physicians regarding preoperative patient optimization. She was joined by Dr. Carey Brewbaker, medical director of WAMP, as her physician partner. The presentation included a description of the anesthesia APP/physician partnership, and systems-based health optimization was discussed. All current preoperative risk assessment tools utilized in our clinic were discussed, and instructions on how to refer patients to our PAT clinic were given. Questions by participants at the conclusion of the lecture promoted collaboration and discussion among participants and the presenters as well as highlighting the importance of the APP/physician practice partnership utilized at MUSC. The lecture provided continuing education credits for MDs, PAs and APRNs, and type B CEUs for CRNAs in attendance.

Preoperative Patient Optimization Presented by:



Carey Brewbaker, MD
Anesthesiologist
Medical Director at
MUSC West Ashley Medical Pavilion



Amy Schmoll, DNP, CRNA
Lead CRNA
MUSC West Ashley Medical Pavilion



Physician and APP Clinical Professional Development CME Clinical Series



Preoperative Patient Optimization
Presented by Amy Schmoll, DNP, CRNA & Dr.
Carey Brewbaker, MD
March 18th, 2025

Hosted by the APP Best Practice Center's
APP Council Professional Development Committee

MUSC CATALYST NEWS ARTICLE—PAIN MANAGEMENT

‘I think it’s a game-changer for acute pain management’

Two experts in treating pain at MUSC Health are looking forward to the arrival of a new non-opioid pain medication next month. The Food and Drug Administration has approved the use of suzetrigine (Journavx) for adults with moderate to severe acute pain, the kind a person would feel after surgery or an injury.

[Sylvia Wilson, M.D.](#), specializes in regional anesthesia and acute pain after surgery. “It’s a big deal. It’s a whole new class of drugs. I’m excited to see where it goes and what happens,” she said of the new medication.

[Meron Selassie, M.D.](#), helps people suffering from chronic pain. Journavx has not been approved for them yet – only for people with short-term pain. Studies are underway that could change that one day. In the meantime, Selassie said: “I think it’s a game-changer for acute pain management in high-risk populations, post-surgical pain management – if it can be affordable for people.”

That affordability issue is important to consider. But first, a look at the medication itself.

What is it?

Journavx is a pill that tackles pain from a new angle, Wilson said. “It’s working on peripheral nerves before they can communicate to the spinal cord, reducing pain signaling.”



Dr. Sylvia Wilson

When a person is hurt, it creates pain signals at the site of the injury. Normally, those signals travel through the peripheral nervous system to the spinal cord and, finally, the brain, which causes the person to feel pain. Selassie said Journavx interrupts that process.

Research also found that Journavx works as well as the ingredients in Vicodin – hydrocodone and acetaminophen – but has the advantage of not being an opioid. That distinction stands out to Wilson. “It can’t be abused. It doesn’t have the high of opiates either,” she said.

Instead, Journavx is what doctors call a sodium channel blocker, a category that includes the drugs Lidocaine and Novocain. Selassie said older medications in this family are “non-selective.” “So they’re really effective at blocking pain, but they also block receptors throughout the body. They’re limited in how long you can give them.”

Wilson said Journavx blocks pain-sensing neurons. “So you could still feel the ground underneath you. You could still have full function of your limb. You just feel less pain.”

Side effects, plus who shouldn’t take the new pain medication

Some people may feel side effects from Journavx, but Selassie called them mild. “Itching, muscle spasms and rash were the three most common ones. In their studies, patients only took this medicine for two weeks. So we have data to support its use up to 14 days, but at this point, we can’t make any conclusions about its safety beyond that.”



“It’s working on peripheral nerves before they can communicate to the spinal cord, reducing pain signaling,” says Dr. Sylvia Wilson of the new medication. Image courtesy of Vertex



Dr. Meron Selassie

MUSC CATALYST NEWS ARTICLE—PAIN MANAGEMENT

There are conclusions about who should avoid Journavx. Wilson said people with severe kidney or liver disease should not take it. The company also warns that Journavx may make medications that are “strong inhibitors” of the enzyme CYP3A less effective. That includes some blood pressure or heart medications, antibiotics, antidepressants, antifungals and protease inhibitors.

Wilson said there’s also concern that Journavx interferes with oral contraception. “And there’s also no data or knowledge with pregnancy or lactation at this time.”

Importance of treating pain

Also notable: the importance of treating pain, Wilson said. She works with patients who are having surgery. “We do know that untreated acute postoperative pain can translate into long-term chronic pain.”

Selassie sees the impact of chronic pain on her patients and the effect good pain management can have. Without it, she said, pain can take a toll on many areas.

“It reduces quality of life. It can lead to depression and anxiety if untreated. And as physicians, our primary goal is to improve the quality of life for people. So it’s important not to ignore pain, especially acute pain. And medications like this are another tool in our toolbox to stop that transition from acute to chronic.”

The cost

How much will that new tool cost? About \$30 a day for two pills. That’s more expensive than older medicines that people take after surgery.

It’s unclear how insurance agencies will handle it. Anticipating that, Journavx is offering a [savings card](#) for people with commercial or government-sponsored insurance whose policies don’t cover the medication.

But Selassie remains concerned. “It could be like the problem we’ve seen with GLP-1 medications. Ozempic and other weight loss medications have been successful in the way that they allow people to lose weight, but they’re unaffordable for a lot of people. And so I worry that that might be in store with this medication, but I think we’ll just have to see.”

CANDACE JARUZEL, PHD, CRNA—DIRECTOR OF MUHA ANESTHESIA

Charleston, South Carolina has always been home for Candace Jaruzel, PhD, CRNA. In 2002, she moved to Durham, North Carolina to attend Duke University. After completing her MSN – Nurse Anesthesia, she practiced at Duke University Medical Center for just over two years before returning to Charleston, SC in 2007 and joining the team at the Medical University of South Carolina (MUSC). In 2016, she completed a PhD in Nursing Science at MUSC. Over the last 18 years, Candace has had the privilege of working across various clinical and academic settings which has helped her gain a deep understanding of the unique challenges and opportunities within the healthcare system. In the role of Director, she is excited for the opportunity to contribute to the continued success and growth of MUSC and to work with all the anesthesia providers and support personnel in the department. Candace and Ron have been married for 24 years and are the proud parents of Aniston (18) and Caroline (15). Aniston was just accepted to Clemson University for Biochemistry – Go Tigers! Caroline is the Varsity softball pitcher for James Island Charter High School. The Jaruzel family loves the outdoors, going to concerts, and just spending time together.



TEAM RECOGNITION

I just want to commend Dr. Hatter and her team today. We had a patient on labor and delivery who was medically and socially challenging. She required a c-section, but her medical and social issues almost required her to go under general anesthesia, which would have been a very undesired outcome in this particular case. Regional anesthesia was also going to be technically challenging, but Dr. Hatter and her team went the extra mile and approached the patient with patience. In the end, the patient had the best possible outcome, and I really credit them for doing the right thing even though it took extra time and effort. I think we don't hear these stories enough, so I wanted to pass my thanks and thoughts along.

Thanks

Marcy Nagpal,

OB/GYN

Assistant Professor

RESEARCH CORNER

nature communications



Article

<https://doi.org/10.1038/s41467-024-50099-1>

NPAS4 supports cocaine-conditioned cues in rodents by controlling the cell type-specific activation balance in the nucleus accumbens



Michael Scofield, PhD

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Check for updates

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Wiley
Case Reports in Anesthesiology
Volume 2025, Article ID 6691273, 4 pages
<https://doi.org/10.1155/cria/6691273>

WILEY

Case Report

Profoundly Delayed Emergence due to Pulmonary Embolism

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Natalie Barnett, MD

GRAND ROUNDS—APRIL 2025


“Preoperative Evaluation Programs: A Review of the Evidence While Preparing for the Debate”
Angela Edwards, MD, Associate Professor
April 1, 2025
**Department of Anesthesiology
Wake Forest University School of Medicine**

“Perioperative Management of Cardiac Amyloidosis: Demystifying a Silent Villain”
Michael Smith, MD, Assistant Professor
April 8, 2025
Department of Anesthesiology and Perioperative Medicine
Mayo Clinic

“TBD”
John Conway, MD, Critical Care Fellow
Avery Elifritz, DO, Critical Care Fellow
April 15, 2025
**Dept. of Anesthesia & Perioperative Medicine
Medical University of South Carolina**

“Faculty Meeting ”
Scott Reeves, MD, Professor and Chair
April 22, 2025
**Dept. of Anesthesia & Perioperative Medicine
Medical University of South Carolina**

“Generative AI in Medicine: Foundations, Applications, and Use Case: Design of Domain-Specific Model for Medical Education in Anesthesiology ”
Tim Ford, MD, Assistant Professor
April 29, 2025
**Dept. of Anesthesia & Perioperative Medicine
Medical University of South Carolina**

DEPARTMENT OF ANESTHESIA AND
PERIOPERATIVE MEDICINE

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[CHECK OUT OUR WEBSITE](#)

Future Events/Lectures

CA 1 Lecture Series

4/2—Anticholinergic Drugs; Cholinesterase Inhibitors & Anesthesia for Patients with Neuromuscular Disease—Carey Brewbaker

4/3—Maternal/Fetal Physiology—Katie Hatter

4/9—Anesthesia for Cardiovascular Surgery—Maxie Phillips

4/16—Basic Exam Review

4/23—Basic Exam Review

4/30—Basic Exam Review



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 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



Graduation
June 13, 2025
Founders Hall

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 Map edition will be April 18, 2025.