



# SLEEPY TIMES

VOLUME 12, ISSUE 6 JUNE 2018

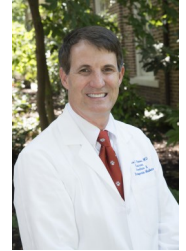


## MESSAGE FROM THE CHAIRMAN: MEET THE NEW CA 1 CLASS -SCOTT T. REEVES, MD, MBA

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June is always an exciting time within the department. For our senior residents, it is their last month. They are busy planning for the next step in their career. We also depend upon them a lot as we bring our CA 0s into the department to officially start their training as anesthesiologists. This one month overlap where our most senior residents, along with our faculty, help teach our most junior residents is a unique component of our curriculum and sets the stage for learners teaching learners throughout their training period.



June is an intense month of didactic, simulation and hands on exposure to our specialty. The faculty have put together an excellent "anesthesia boot camp" experience that is always well received and establishes an extensive knowledge baseline upon which we build over the next 3 years. In conclusion, we all welcome our rising CA 1s fully into the department and look forward to seeing them grow over the next 3 years.



Mark Abumoussa, M.D.



Jaime Adams, M.D.



Armando Aguilera, M.D.



Keiland Bankhead, M.D.



Ana Castro, DO



Andrew Dudas, M.D.



Christopher Fatora, M.D.



Parin Garg, M.D.



Ellen Hay, M.D.



Andreea Lazar, M.D.



Krushikumar Patel, DO



Eugenia Pugach, DO



Mevui Shah, M.D.



William Sumner, M.D.

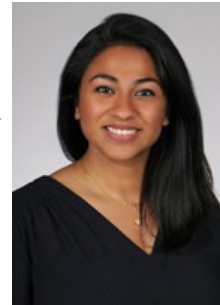


Daniel Young, M.D.



### ASRA ANNUAL MEETING BY RENUKA GEORGE, MD AND SYLVIA WILSON, MD

The World Congress on Regional Anesthesia and Pain Medicine was hosted this year by the American Society of Regional Anesthesia and Pain Medicine in New York, NY from April 19-21, 2018. The conference was well attended by MUSC residents Ashley Feeman, Eric Gelman, Sergey Gukasov and Ryan Wilson; regional anesthesia fellow Jackson Condrey; and faculty members Sylvia Wilson, Jennifer Matos, Renuka George and Jason Taylor.



Jackson Condrey presented a medically challenging case, “Parasternal Block in a Morbidly Obese Patient with Sternal Fracture” at a moderated e-poster session, supported by his co-authors Jennifer Matos and Renuka George.

Sylvia Wilson served as faculty at two regional workshops and represented MUSC at the Regional Anesthesia and Acute Pain Medicine Fellowship Directors Meeting. Jennifer Matos, Renuka George and Jason Taylor attended lectures, special interest groups, and workshops for further educations on new blocks and guidelines.

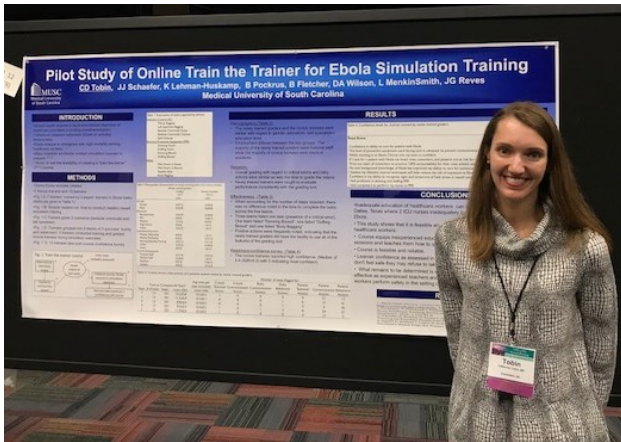
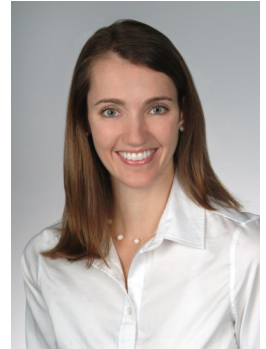
This year’s conference provided many learning opportunities, including updates on the new ASRA Anticoagulation Guidelines, lectures about local anesthetic adjuncts, workshops on newer blocks like the IPACK, Erector Spinae, Quadratus Lumborum and Anterior Approach Suprascapular nerve block. A great deal of attention was paid to Point of Care Ultrasound (POCUS) from both the national and international communities. From lectures to special interest groups to workshops, there was a focus on education of POCUS and the importance of these skills for daily practice of an anesthesiologist. ASRA also provided the opportunity to reconnect with old friends and make new ones. In summary, ASRA 2018 was a success!





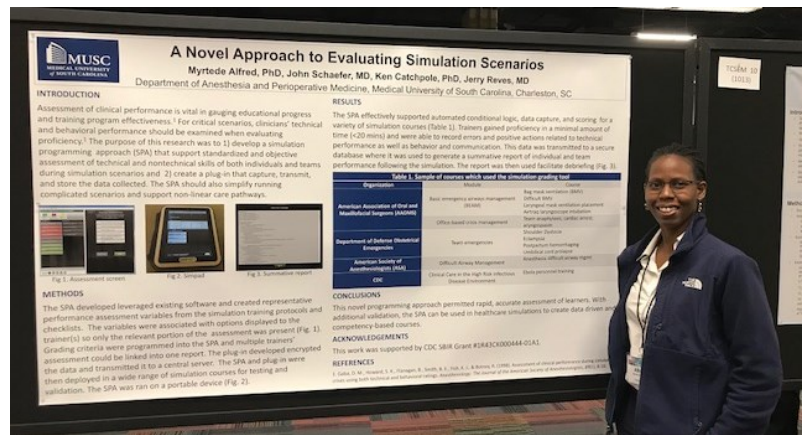
**IARS ANNUAL MEETING  
BY CATHERINE TOBIN, MD**

IARS had its annual meeting this year in Chicago from April 28<sup>th</sup> to May 1<sup>st</sup>, 2018. Although it was spring here in Charleston, I did use my winter coat there! Our department had nice representation and had three research abstracts accepted and presented at the moderated poster session. I personally enjoyed an update in perioperative deep vein thrombosis prophylaxis. Reminder to everyone: make sure SCDs are turned on prior to induction. The most likely time of clot formation is with induction, immediately after propofol is given and hypotension occurs. That initial hypotension is when most clots form during the first few minutes of the case, before the surgery incision has even occurred. Check to make sure SCDs are “on and on,” meaning SCDs are on the leg and the machine is turned on. It is not just the OR nurses’ job; we must check too!

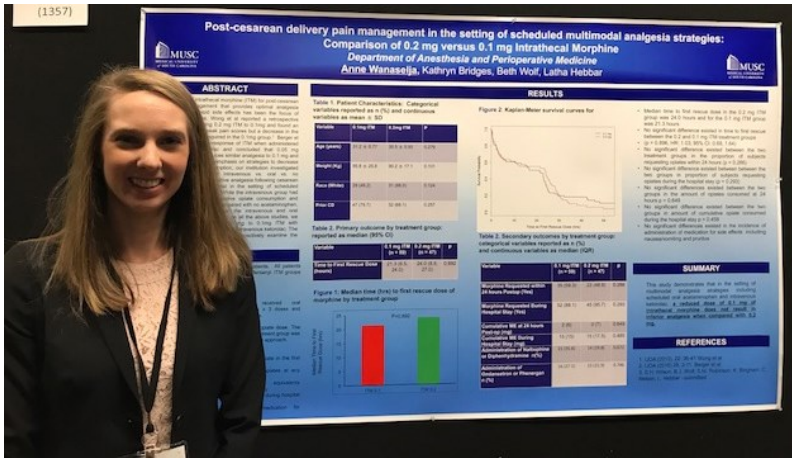


I presented my work on “Pilot Study of Online Train the Trainer for Ebola Simulation Training.” Drs. John Schaefer, Kathy Lehman-Huskamp, Lacey Menkin-Smith, and Jerry Reves were also authors, along with Brandy Pockrus, Brian Fletcher, and Dulaney Wilson. Global Health requires rapid education when disease outbreaks or bioterrorism occurs. Our study was to test the feasibility of creating a “train the trainer” course in Ebola Training. We showed our trainers were reliable and effective, and trainees had high post course surveys in their confidence. If trainees don’t feel safe, they might refuse to take care of Ebola patients at work! This is a novel concept of “train the trainer” and could be used in many other courses in disease outbreaks where people must be trained very quickly. There are not enough disease experts to teach everyone, so this course is vital to education.

Myrte Alfred, PhD, presented her work on “A Novel Approach to Evaluating Simulation Sessions.” The grading tool she describes is used in many of our courses, including the Basic Emergency Airway Management (BEAM) Course, Ebola Course, Office Based Crisis Management, Difficult Airway Management, and other team emergencies such as shoulder dystocia used by obstetrical teams. Her grading tool is unique and special to our simulation courses at MUSC. Drs. John Schaefer, Ken Catchpole, and Jerry Reves were also authors on this abstract.



IARS ANNUAL MEETING CONTINUED...



Anne Wanaselja, MD, presented her work on “Post-Cesarean Delivery Pain Management in the Setting of Scheduled Multimodal Analgesia Strategies: Comparison of 0.2mg versus 0.1 mg of intrathecal Morphine.” Drs. Katie Bridges, Beth Wolf, and Latha Hebbbar were also authors on this study. She shared our experience of lowering the intrathecal morphine amount to 0.1mg, which did not result in inferior analgesia as compared to 0.2mg. Multimodal analgesia is important. We currently use Tylenol and ketorolac as standard when no contraindications are present with cesarean deliveries at MUSC. Lower intrathecal morphine is beneficial as it can decrease possible side effects, such as pruritus and respiratory depression.

RETIREMENT CELEBRATION FOR DR. ALPERT



  
 Congratulations



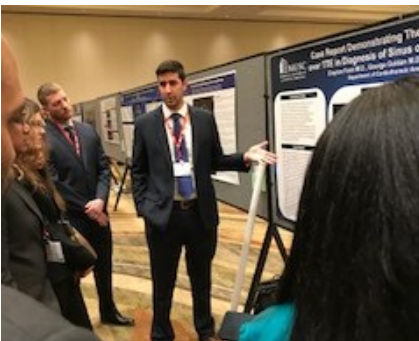
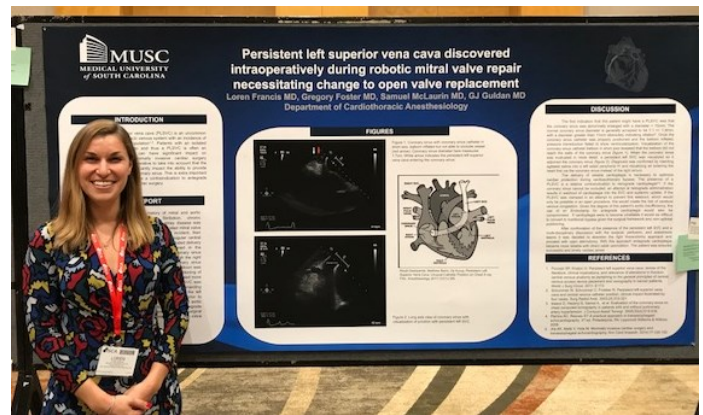
### SCA ANNUAL MEETING BY ERIC NELSON, DO

This year’s SCA Annual Meeting was held in Phoenix, AZ from April 27-May 2. This year was special as the Society celebrated its 40<sup>th</sup> anniversary. As in the past, MUSC was well represented at the meeting. Dr. Reeves spoke on cardiac anesthesia on the global stage and how it has evolved and continues to develop in low income countries. Alan Finley kept himself busy as usual, participating in a percutaneous valve workshop and sitting on the “Super Echo” panel. I had the pleasure of speaking on cannulation and configuration strategies for ECMO and VADs, moderating the pacemaker/ICD workshop, and being involved in the fellows session of the workshop.



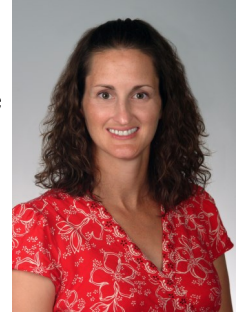
Our residents and fellows also got involved. Loren Francis and Sam McLaurin (with assistance from Lee Cumbee) each had a poster presentation and Clay Foret also wrote up a poster, which was elegantly presented by Cip Ayala. We all were able to attend various lectures on enhanced recovery after cardiac surgery and the latest and greatest on percutaneous valves.

Despite how busy we were, we also had a chance to enjoy some time by the pool, and sharing a meal together Saturday night. We’re all looking forward to another great meeting next year in Chicago!

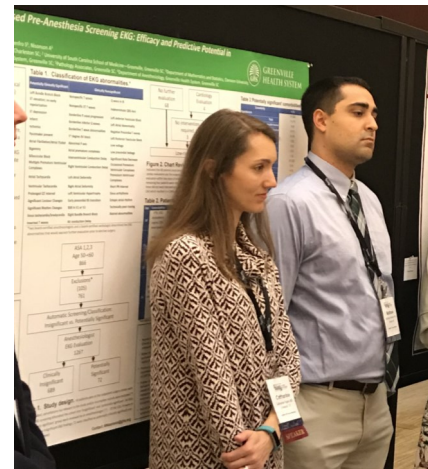


## SAMBA ANNUAL MEETING BY SYLVIA WILSON, MD

The Society of Ambulatory Anesthesia held its annual meeting in Miami, FL this year from May 3-5. Several lectures highlighted new challenges including patients with LVADs, caring for new generation intra-cardiac devices, and triaging morbidly obese and super morbidly obese patients. The rapid expansion in ambulatory surgery services was also highlighted in several sessions including growth of ambulatory joint arthroplasty, demand for new techniques in the GI suite, and the challenges of the opiate epidemic. Updates were also given regarding perioperative management of dual antiplatelet therapy after stents and myocardial infarction, counseling parents regarding neurocognitive effects of general anesthesia, and perioperative hypertension management.



The conference was well attended by MUSC faculty. Both Drs. Catherine Tobin and Katie Bridges served as moderators for poster presentation sessions. Additionally, Dr. Catherine Tobin gave a presentation entitled, "Should All Ambulatory be TIVA?" MUSC faculty also participated in numerous SAMBA committee meetings including research committee, regional anesthesia committee, and education committee. Notably, as a member of SAMBA's Research Committee, Dr. Bridges reviewed numerous submissions and determined the winner of this year's White Mountain Award, which is given to the resident whose abstract is deemed highest in scientific merit. Dr. Sylvia Wilson's work with the Regional Anesthesia Committee was concentrated on updating SAMBA's anticoagulation and antiplatelet guidelines for patients receiving regional anesthesia procedures based off the recently published ASRA guidelines in *Regional Anesthesia and Pain Medicine*. Overall, MUSC was well represented at this year's SAMBA meeting.



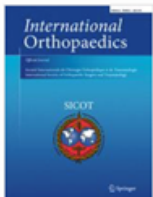


## WELCOME TO THE DEPARTMENT



Caitlyn Risley is excited to join the department as the newest program assistant. Caitlyn recently graduated from Clemson University in May 2018 with a B.S. in Biological Sciences and a minor in Microbiology. She was born and raised in Jacksonville, Florida, but she has always loved the amiable people of South Carolina. Caitlyn enjoys cheering on her favorite football teams, the Jacksonville Jaguars and Clemson Tigers, volunteering at various nonprofit organizations, and remaining involved with the Clemson Young Alumni Association. She is passionate about health care and hopes to attend medical school in the near future. Caitlyn is excited to join the MUSC family and call Charleston her new home!

## RESEARCH CORNER




[International Orthopaedics](#)

pp 1-7 | [Cite as](#)

### Examination of intra-operative core temperature in joint arthroplasty: a single-institution prospective observational study

Authors

[Authors and affiliations](#)

Jennifer R. Matos, Julie R. McSwain, Bethany J. Wolf, J. Wesley Doty, Sylvia H. Wilson 



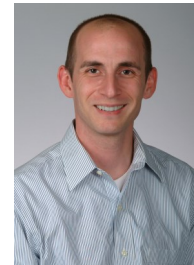
Dr. Jennifer Matos



Dr. Julie McSwain



Dr. Bethany Wolf



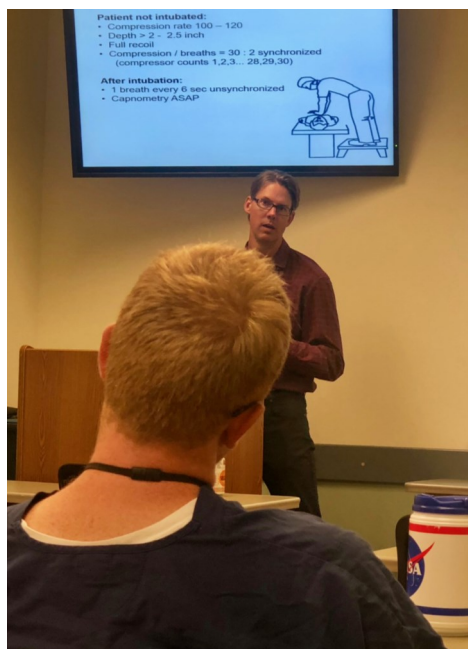
Dr. Wes Doty



Dr. Sylvia Wilson

## INTERN 101 CLASS BY ROBERT HARVEY, MD

Many signs mark the arrival of spring around MUSC. In addition to blooming flowers, another class of fresh graduates prepares to set forth into the world. In the College of Medicine, many students elect to receive one last round of preparation for their upcoming internships through a course offering entitled Intern 101. As in many years past, the Department of Anesthesia participates in this course by leading “Intern 101: Approach to the Unstable Patient.” A total of 10 sessions were held in the Simulation Center and led by faculty members Cory Furse, Robert Harvey, Ebony Hilton, Horst Rieke, Catherine Tobin, and Stephanie Whitener. Students received a brief lecture during the didactic portion of the course, followed by a chance to practice evaluating and managing unstable patients in many scenarios they are likely to encounter as interns in just a few months. The students practiced communication and teamwork skills, with each participant getting a chance to act as a team leader, making critical decisions within a short period of time, and having to adapt to acutely dynamic patient conditions. Students consistently give positive feedback on course evaluations, and are appreciative for the opportunity to practice handling difficult situations prior to being responsible for real patients. Many thanks to the staff of the Simulation Center, as well as Megan Grinnell and Pauline Meekins in the COM Dean’s Office for all of their help in making this course a reality.





## SOAP ANNUAL MEETING—OB ANESTHESIA CORNER BY LATHA HEBBAR, MD

The SOAP Annual Meeting was held in Miami, May 9-13, 2018. The meeting was well attended with the largest audience since its inception. The theme of the meeting was Obstetric Anesthesia: Past, Present and Future. One of the main focuses of the meeting was the national opioid epidemic. VADM Jerome M. Adams, MD, M.P.H., the first physician-anesthesiologist to serve as United States Surgeon General, delivered a very passionate speech on this topic. With the staggering incidence of 1:300 opioid naïve parturients getting addicted to opioids following childbirth, the role of the obstetric anesthesiologist is critical to help ease this situation with multi-modal analgesia strategies and patient education, both with pain management proposals and opioid disposal. ASA President James D. Grant, MD, FASA, discussed at length the multifactorial causes of the current drug shortages being experienced on the Labor and Delivery deck, with OB anesthesiologists having to resort to alternate and safe options for spinal anesthesia for cesarean delivery.



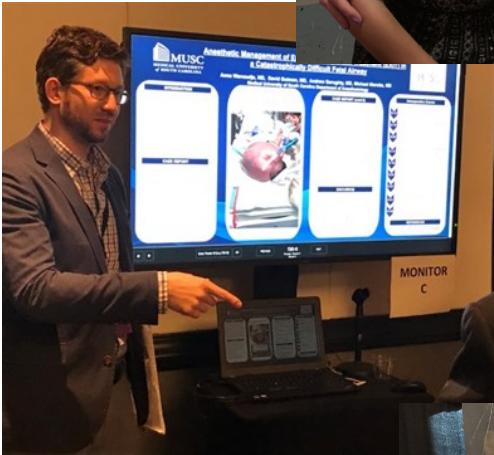
New to this year's meeting was the introduction of "The Clinician Track," a set of eight 30-minute most requested refresher course lectures, including ERAS for CDs. The most attended and coveted lecture of the meeting is the Osthimer lecture entitled "What's New in OB Anesthesia," delivered by Ashraf Habib, MD. This lecture highlighted some of the pertinent publications in OB anesthesia over the past academic year. Publications that could impact clinical practice included early use of TXA (within 3 hours) for management of post-partum hemorrhage, bromocriptine for the management of peripartum cardiomyopathy, creation of safety bundles for maternal care (VTE, OB hemorrhage and pre-eclampsia), tailoring of opioid prescription to patient/surgical needs, increased use of dural puncture epidural (DPE) for labor analgesia, and neuraxial block for successful ECV.

The MUSC team had four poster presentations at SOAP this year, with Dr. Gutman also serving as a moderator for a poster session. The resident participation was commendable.

1. Anesthetic Management of a Parturient with End Stage Cystic Fibrosis Undergoing Caesarean Section. Zachary M. Jeanes, S. Anthony Lehn, Sergey Gukasov, David A. Gutman and Michael Marotta.
2. Tug of War on Labor and Delivery Suite: Winner is 'Team Catheter.' Kevin Draper and Latha Hebbbar.
3. Anesthetic Management of Ex-utero Intrapartum Treatment (EXIT) in a Catastrophically Difficult Fetal Airway. Anne Wanaselja, David Gutman, Andrew Gerughty and Michael Marotta.
4. Anesthesia for Ex Utero Intrapartum Treatment (EXIT): A Case Series. Andrew Gerughty, Anne Wanaselja, David Gutman and Michael Marotta.



SOAP ANNUAL MEETING—OB ANESTHESIA CORNER CONTINUED...





### CRNA RETIREMENT PARTY

After 29 years of service to the MUSC Department of Anesthesia, our longtime friend and colleague, Pat Tobin, began a new chapter of his life. Pat officially retired May 17th. He will be missed not only within the department but hospital wide. His commitment, loyalty and witty demeanor made him an invaluable part of our team. Stories of his antics and lasting memories will be shared by all that had the pleasure to work with him for years to come.



DEPARTMENT WELCOME PARTY

Please join us for the Anesthesia Department's  
New Resident and Fellow Welcome Celebration

Saturday, June 16th at 6:00 p.m.

360 Fishburne St., Charleston, SC 29403



*Charleston Riverdogs*  
*Baseball Game*

Tickets, burgers, and beer will be provided  
Families and kids are welcome to attend!

Please RSVP by May 31st at

<https://www.surveymonkey.com/r/Riverdogs>





## ANNUAL MYQUEST TRAINING DUE BY JUNE 30, 2018

It is time again to complete our MUSC Annual Mandatory Training courses which can be accessed through MyQuest. Training modules are tailored for specific roles in the organization and are due on or before June 30, 2018.

To access your required training modules, use the MyQuest icon found on your desktop and login using your netID and password. Your specific modules will be displayed in the *Enrollments* section of your home screen as seen below.

Remember, these are mandatory and must be completed by June 30.

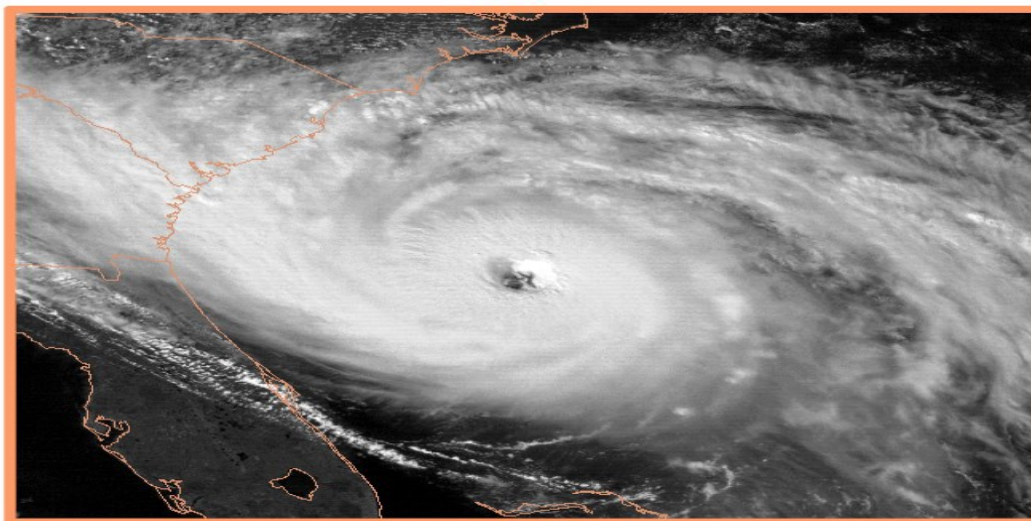
MYQUEST



## DEPARTMENT HURRICANE PLAN

[Click here to view the Departmental Hurricane Plan](#)

## Department of Anesthesia and Perioperative Medicine



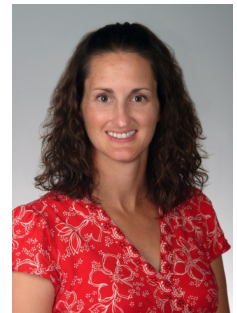
## Hurricane Plan

**GRAND ROUNDS FOR THE MONTH OF JUNE**



**“MUSC ERAS Protocols”  
June 5, 2018  
Laura Roberts, MD, Assistant Professor  
Dept. of Anesthesia & Perioperative Medicine  
Medical University of South Carolina**

**“Preoperative Eval of the Geriatric Patient with  
Severe Cardiac Disease for Joint Replacement”  
June 12, 2018  
Julie McSwain, MD, Associate Professor  
Sylvia Wilson, MD, Associate Professor  
Dept. of Anesthesia & Perioperative Medicine  
Medical University of South Carolina**



**“Morbidity & Mortality Conference”  
June 19, 2018  
George Guldán, MD, Associate Professor  
Ryan Gunselman, MD, Associate Professor  
Dept. of Anesthesia & Perioperative Medicine  
Medical University of South Carolina**

**“Subspecialty Team Meetings”  
June 26, 2018  
Division Chiefs  
Dept. of Anesthesia & Perioperative Medicine  
Medical University of South Carolina**







DEPARTMENT OF ANESTHESIA AND  
PERIOPERATIVE MEDICINE

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CHECK OUT OUR WEBSITE AT:  
[HTTP://WWW.MUSC.EDU/ANESTHESIA](http://www.musc.edu/anesthesia)

### Future Events/Lectures

#### Intern Lecture Series

No lectures in June

#### CA 1 Lecture Series

No lectures in June

#### CA 2/3 Lecture Series

June 4th—Management of Patients with Ischemic Heart Disease, Dr. G. Whitener, Moodle

June 11th—Physiologic Changes Associated with Aging, Dr. McSwain, Moodle

June 18th—OR Management Skills, All Residents, Dr. Clark, CSB 429

June 25th—Perioperative Cardiac Workup for Non-Cardiac Surgery, Dr. Guldan, Moodle

#### Grand Rounds

June 5th—MUSC ERAS Protocols, Dr. Roberts

June 12th—Preoperative Eval of the Geriatric Patient, Drs. McSwain & Wilson

June 19th—Morbidity & Mortality Conference, Drs. Guldan and Gunselman

June 26th—Subspecialty Team Meetings



### 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 be turned in to Kim Pompey. Thank you!

Joana Pereira, Administrative Coordinator and Tammie Matusik, Administrative Assistant—Thank you both for going above and beyond to assist your coworkers while the department was short-staffed! Your diligence in getting timesheets signed and requisitions processed in a timely manner is truly appreciated!

Don Pagley, CRNA—In recognition of an extraordinary display of teamwork caring and dedication: While at work for personal reason, not on duty, Don put on scrubs and provided breaks/lunches that would have been more difficult to get through due to lack of staff and a busy day! What a nice gesture from Don for his colleagues!

### *Save the Date!*



Department Celebration  
& New Resident Welcome  
Saturday, June 16, 2018  
Riley Park

Resident Graduation 2018  
Friday, June 22, 2018  
Founders Hall

Holiday Party 2018  
Saturday, December 1, 2018  
Carolina Yacht Club



MUSC Leading Health Innovation for the Lives We Touch

### [Imagine 2020 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 July edition will be June 15, 2018.