MESSAGE FROM THE CHAIRMAN: RESIDENT INTERVIEWS; THE ZOOM EXPERIENCE

-SCOTT T. REEVES, MD, MBA

Inside This Issue:

The department has completed our first month of resident candidate interviews for the Class of 2025. It has not been business as usual. As a reminder, we are recruiting for a class of fifteen residents. This year we had approximately 1,500 candidates submit their applications. A typical year sees an applicant pool of 1,100. This is over a 30% increase! The candidates have been outstanding as well.

The increased applicant phenomenon has been playing out in high quality programs like ours in anesthesiology and other departments throughout the country. The main reason is felt to be the fact that all interviews this year have been mandated to be virtual by the ACGME. Applicants can apply to a lot of additional programs and not have to worry about the resulting travel cost and logistics. A typical applicant may normally apply to 20 anesthesia programs. This year they may be applying to 40 programs as an example.

Prior to the onset of the interview season, the department revamped our resident section on our website and created a short video highlighting the department, MUSC and Charleston.

In addition, we did several "Meet and Greet" informational sessions with our Program and Associate Program Directors, Dr. GJ Guldan and Dr. Joel Sirianni, respectively. Over 200 candidates participated. Our residents did an outstanding job on social media platforms highlighting our program and life as a resident in Charleston. Finally, GJ and Joel both participated in an American Society of Anesthesiology website interview. All this resulted in a further increase in our applicant pool.

This increase applicant pool has created unique opportunities and challenges. The first is how does one go from 1,500 applicants to an interview pool of ~ 160? The answer is very carefully. Dr. Guldan, I, and a team of faculty each reviewed hundreds of completed packets to try to identify individuals who had the necessary academic and social credentials to be successful in our program. From there, we attempted to identify their interest in MUSC and ties to our community. In previous years, we would have been able to consider visiting rotating students as well. Unfortunately, students were not allowed to rotate to other institutions this year.

Laura Matthews and Elizabeth Morrison have done a remarkable job creating a virtual Zoom environment for our applicant interviews. Each candidate interviews with the Chairman, Residency Program Director, two faculty and a Chief resident. In addition, they participate in resident chat rooms and other virtual settings to get a feel for our program and culture.

I have been very impressed with the quality of the interactions which includes the ability to learn about each candidate and their ability to learn about us. Even though we are early in this process, I am confident that we will recruit an outstanding class of future anesthesiologists. I am looking forward to introducing the Class of 2025 to you after the annual Match in March.

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HOLIDAY DOOR DECORATING CONTEST

Dr. Reeves would like to invite the department to participate in the annual Holiday Door Decorating Contest! While in the holiday spirit, you can decorate your office door or a shared door (ex: resident library door, on-call rooms, etc.) in any fashion you'd like. The doors will be judged on **Monday, December 14, 2020**. There will be a prize for the winning door! Please **email Jenny Ann Smoak** if you plan to participate in the contest so that we have a list of doors for judging. Here are the winners from 2019!

TOYS FOR TOTS HOLIDAY DRIVE

This year, the department will again collect toys for the Marine Corps Toys for Tots Foundation. **Please bring your unwrapped toys to the 3rd Floor of Storm Eye Building in Suite 301**. There will be a box through the double doors next to the copier desk. The toys must be collected by mid morning, December 11th! Thank you in advance for your kindness and generosity!

HAPPY HOWLIDAYS! - CHARLESTON ANIMAL SOCIETY DONATIONS

Help save someone's new best friend. 🐾
We are gathering pet food & toy donations to benefit Charleston Animal Society.
If you wish to contribute, please bring your donations to ART Admin Rm 4200, SEI Education Suite Rm 327, or UH Anesthesia Suite 5th floor.
Happy Howlidays to you and your furry friends! (see next page for flyer)

We are gathering donations for
Charleston Animal Society

Snickers

Food & Treats
Treats
Peanut butter
Canned & dry food

Comfort & Care
Towels
Blankets
Harnesses
Collars & leashes

Piper

Toys & More
Toys
Kongs
Scratchers
Training treat totes

Sovay

Drop off at any of these donation box locations:

ART Admin Rm 4200

SEI Education Suite Rm 327

UH Anesthesia Suite 5th Floor

RESEARCH CORNER

Romanian Journal of Anesthaesia and Intensive Care

ALTERED THERMOREGULATORY RESPONSES FOLLOWING SPINAL MORPHINE FOR CAESAREAN DELIVERY: A CASE REPORT

Christopher Wolla[2], Janus Patel[1], Latha Hebbar[2]*

[1]Wake Forest Department of Anesthesia, Winston-Salem, North Carolina 27157, USA
[2]Department of Anesthesia and Perioperative Medicine, Medical University of South Carolina, Charleston 29425, USA

Dr. Wolla   Dr. Hebbar

Cellular/Molecular

Relapse-Associated Transient Synaptic Potentiation Requires Integrin-Mediated Activation of Focal Adhesion Kinase and Cofilin in D1-Expressing Neurons

Constanza Garcia-Keller,[1] Michael D. Scofield,[2] Daniela Neuhofer,[1] Swathi Varanasi,[1] Matthew T. Reeves,[1] Brandon Hughes,[1] Ethan Anderson,[1] Christopher T. Richie,[3] Carlos Mejias-Aponte,[3] James Pickel,[4] Bruce T. Hope,[3] Brandon K. Harvey,[3] Christopher W. Cowan,[1] and Peter W. Kalivas[1]

[1]Department of Neuroscience, Medical University of South Carolina, Charleston, South Carolina 29425, [2]Department of Anesthesiology, Medical University of South Carolina, Charleston, South Carolina 29425, [3]Intramural Research Program, National Institute on Drug Abuse, Baltimore, Maryland 21224, and [4]Intramural Research Program, National Institute of Mental Health, Bethesda, Maryland 20892

Dr. Scofield

IMMEDIATE COMMUNICATION

Cocaine and sucrose rewards recruit different seeking ensembles in the nucleus accumbens core

Ana-Clara Bobadilla[1,2] · Eric Dereschewitz[1] · Lucio Vaccaro[1] · Jasper A. Heinsbroek[3] · Michael Scofield[4,1] · Peter W. Kalivas[1]

COVID 19 PROTOCOL UPDATES

Preoperative Screening

At MUSC we continue to require testing prior to procedures requiring anesthesia. Overall positivity rates for preoperative patients are currently around 4%, with the majority being in the trauma and L&D categories. Positive rates for elective cases have been 2.4%, which is stable. For patients coming from home, testing is required within 4 days and inpatients must have a test within 7 days. We continue to ask that our patients be tested at our MUSC sites or at our affiliates, and nasopharyngeal PCR testing currently remains our testing of choice. We have been in discussions with our ID colleagues and other institutions regarding the introduction of nasal swabs into our testing strategy.

The Anesthesia Patient Safety Foundation recently updated their COVID testing strategies webpage, and many institutions have begun using nasal swabs for perioperative screening. MUSC has acquired the new ABOTT ID NOW Point of Care PCR test which uses a nasal swab. The test is run immediately and provides results in 15 minutes. These tests have been placed in the Emergency rooms at ART, UH and SJCH and will be used for our Level 1 and 2 surgical patients. Labor and Delivery will begin using one as well the week of December first. DDC has also acquired one, and they have been using it for patients who were unable to get tested in the community. The sensitivity of a nasal swab is a little less than a NP swab, but we feel confident that this testing strategy is still adequate as a day-of, rapid testing technique. Our Lab and ID colleagues will be doing a validation study on asymptomatic patients using the ABOTT ID NOW as we would like to potentially expand its use to allow for more day of testing for out-of-town patients and allow nasal swabs for patients for both convenience and comfort. We are planning on getting the ABOTT ID NOW for ART, SJCH and UH ORs in December. RT OR may be supported by the one housed in the ENT clinic in RT. More to come on this topic in the coming weeks, so stay tuned.

Care Team Members (CTM) Testing and Self-Monitoring

We continue to follow the MUSC Health guidelines for testing and self-monitoring. CTMs are expected to continuously be self-monitoring for symptoms of COVID. When exposed to someone who is COVID positive, CTMs are still expected to report/stay at work and continue to self-monitor. CTMs will be tested for COVID-19 when symptomatic. Testing capacity at MUSC remains very good and turnaround times for results are between 8-12hrs. Please continue to use the Virtual Care for testing, and let us know if you need help getting scheduled.

COVID Education and Protocols

We have been fortunate that our COVID census has not increased in several weeks, but we should always be prepared. Our educational materials and protocols are on the Department Website. We will continue to update those as we continue to learn about COVID and our experience with managing these patients in the ORs grow.

CONGRATULATIONS TO OUR FACULTY AND STAFF THAT RECEIVED SERVICE AWARDS THIS YEAR!

Thank you to all the 2020 MUSC Service Award Honorees for your service to the MUSC Enterprise and to the lives we touch. MUSC established the service awards to celebrate the MUSC family and recognize their longevity of service. Longevity is important and one of MUSC's greatest strengths. It allows us to pass down our best traditions, best practices and our five institutional values-compassion, respect, innovation, collaboration and integrity. Our 2020 MUSC Service Award recipients have committed a big part of their lives to these values and to MUSC. They have provided the continuity which is the key to our current success. Thank you for your service and congratulations on reaching your new MUSC service milestone.

Faculty– 10 years

Tod Brown

Carlee Clark

Alan Finley

Marc Hassid

Buddy Inabinet

Julie McSwain

David Stoll

Catherine Tobin

Staff– 10 years

Leslie Ancrum

Karin Bierling-Slowey

Shanequa Carter

Alyssa Cleveland

Lisa Crusenberry

Elizabeth Jennings

Barbro O'Neil

Mike Sloan

Margaret Winnicki Stark

Erin Straughan

PAIN MANAGEMENT CLINIC IS MOVING TO CHUCK DAWLEY MEDICAL PARK

Our Pain Management Clinic will be moving from East Cooper to Chuck Dawley Medical Park in December. We will see our first patients at this new location on December 11, 2020!
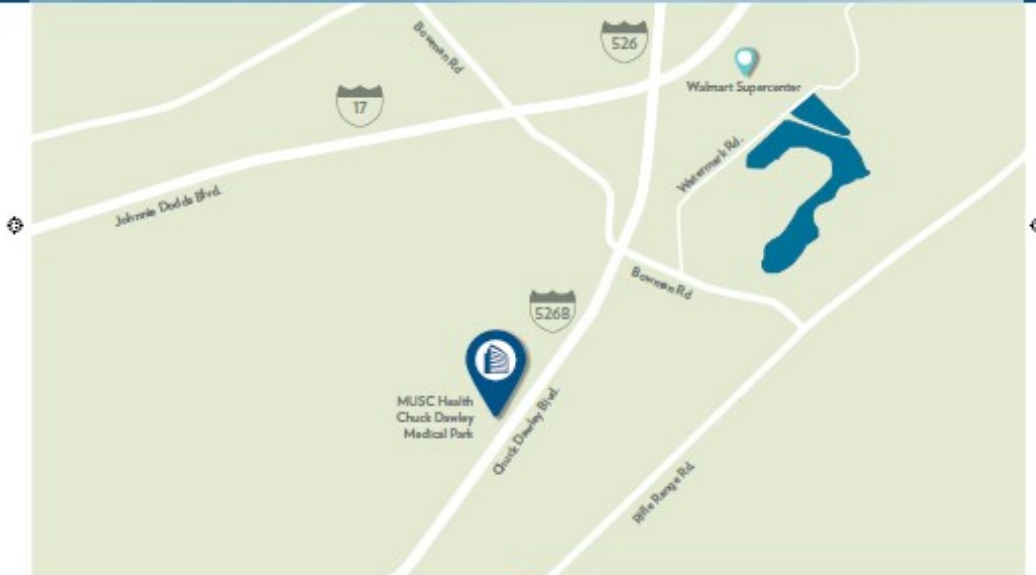
MUSC EMAIL SECURITY UPDATES– DAILY DIGEST EMAILS

Beginning Wednesday, November 18, MUSC email users will begin receiving a Daily Digest email as shown below:
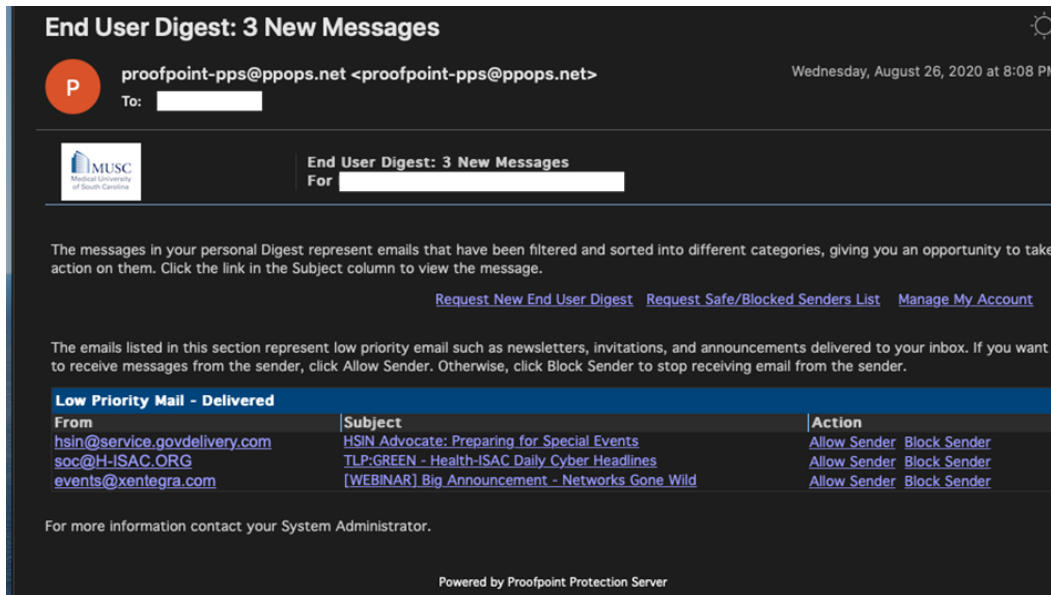
The Daily Digest Email serves to give users more control and visibility into emails sent to their addresses from external email accounts by providing a daily list of sender addresses, subjects, and how to take further actions on those emails.

The Allow Sender link will add the sending email address to a "Safe Senders" list that will help ensure that users future emails will not get filtered by any of the Proofpoint email filtering. Alternatively, the Block Sender link will add that user to a block list that will keep any further emails from them from reaching the intended inbox.

These lists can be managed by using the Manage My Account link which will look as below and allow a user to allow/block senders as well as seeing other email that has previously been quarantined due to spam.
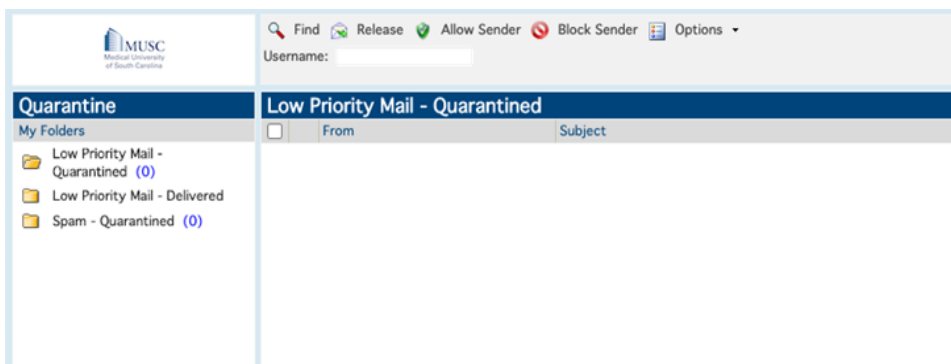
Request New End User Digest will produce an updated Digest Email with any email that has been received since the last Daily Digest Email was sent. Request Safe/Blocked Senders List will provide a list of users added to the Allow/Block lists and other relevant information.

Data Loss Prevention

The Information Security team is also introducing another feature to MUSC's email service that will help block the inadvertent sending of sensitive data (Social Security Number, Credit Card Information, etc.) to external email addresses which can potentially cause a security incident. When Proofpoint detects information that appears to be sensitive, the MUSC user who sent it will receive an email like the following image:

MUSC EMAIL SECURITY UPDATES– DAILY DIGEST EMAILS CONTINUED...

The user will have two options, Send Encrypted or Block. If the Send Encrypted link is used, then Proofpoint will re-process the email in order to send it securely using the Send Secure Encrypted email method. If Block is chosen, then the email will be blocked and discarded. If no option is chosen within 30 minutes of the email detection, then the email will continue to be sent using Send Secure Encrypted mail.

If you have any questions or concerns, please contact the IS Service Desk at 843-792-9700.

GRAND ROUNDS– DECEMBER 2020

"Subspecialty Meeting"
December 1, 2020
TBA

" Improving Postoperative Pain Following
Bone Marrow Harvesting: A Narcotic Sparing,
Regional Anesthesia Based Approach. A Primer
on Real World Utilization of Quality Improve-
ment Methods "
December 8, 2020
Nicole McCoy, MD, Assistant Professor
Dept. of Anesthesia & Perioperative Medicine
Medical University of South Carolina

"To Be Announced "
December 15, 2020
Janet Martin, Assistant Professor

Dept of Anesthesia and Perioperative Medicine

Program Director of MEDICI and EPiCOR
Programs

Western University

No Grand Rounds / Holiday
December 22, 2020 & December 29, 2020
Medical University of South Carolina

DEPARTMENT OF ANESTHESIA AND PERIOPERATIVE MEDICINE

Email: hiottg@musc.edu
Phone: 843-792-7503
Fax: 843-792-9314

CHECK OUT OUR WEBSITE

Future Events/Lectures

Intern Lecture Series

12/3/20   Spinal Cord Protection

12/17/20 GI Morbidity (Liver, Pancreas)

CA 1 Lecture Series

12/2/20   Acid-Base Balance; Renal Physiology & Anesthesia

12/9/20   Anesthesia for the Trauma Patient

CA 2/3 Lecture Series

Per Rotations

Grand Rounds

See Page 10

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 Tammie Matusik.

Due to COVID-19, social distancing, and University requirements, the annual holiday party has been canceled.

Follow us on Facebook, Instagram, and Twitter:

https://www.facebook.com/MUSCAnesthesia/

https://www.instagram.com/musc.anesthesiology/

Follow @MUSC_Anesthesia

[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 January edition will be December 23, 2020.