Emergency Medicine News
Providing Exceptional and Compassionate Patient Care

Edward C. Jauch, MD MS
Division of Emergency Medicine Director

Summer is now in full swing and we are beginning a new and exciting academic year. Please join me in welcoming our new Intern Class into the MUSC Emergency Medicine family; I am sure Mel has them off to a great start!

Speaking of family, please take time this summer to spend quality time with your loved ones before the hectic pace of the new school year kicks in and be safe.

As always, thank you for making Emergency Medicine at MUSC the best in the region.

Ed
Residency Program News

Please help us in welcoming our 2016 Interns:

- Hesham Abukheideir, MD, MPH
- Danika Brodak, MD, MPH
- Tyler Clare, MD
- Kyle Embertson, MD
- Iman Tamimi, MD
- Julia West, MD

We are confident they will exceed expectations!

Congrats to our new PGY2s and PGY3s, who’ve moved forward to the next level! You guys rock. Reminder: Drs. Caleb King & Leanne Radecki are our 2016-2017 Chief Residents – they will excel! Dr. Connors will continue to be our Curriculum/Didactic Czar – if you’d like to give a lecture, please contact him and Mel. The EM Resident Didactic Presentations outline was reviewed during June’s Faculty Meeting. 3rd years with an interest for an EKG elective, please contact Dr. Matuskowitz or Mel.

Exciting News & Updates

Huge shout out to Dr. Christina Bourne – she has been a wonderful Program Director and has been instrumental in the program’s success!

She is now Associate Dean for Student Career Planning and Advising, in the College of Medicine. Luckily, we’ll still get to work closely together and she’ll be our Emergency Medicine advocate. This will be vital as our Residency Program grows, and especially beneficial to our very own MUSC Medical Students interested in Emergency Medicine!

THANK YOU, for all you’ve done – your hard work and dedication to the EM Residency is appreciated and has paved a path which will flourish with success!

**Need to Know…**

Page Bridges, MD – one of our fabulous Alumni will be presenting a Grand Rounds lecture on August 4, 2016. Please be sure to join us! Page has accomplished a ton since graduating – including joining the SCCEP Board and taking on a leadership role in the new GHS Residency Program. Congrats to her!!

**EM Clerkship News…**

This year we had a record number of VSAS (Visiting Student Application Service) applicants to our EMED 852 Externship! 201 candidates submitted their application; of those we chose 21 students to rotate with us during Blocks 1-4 of the 2016-2017 Academic Year. While they are here we will conduct formal residency interviews, as in the past. Emergency Medicine had more applicants than all other MUSC programs!! Simon Watson, MD & Lindsey Jennings, MD spent a great deal of time reviewing applications and selecting some great candidates to join us this Summer & Fall!!

Dr. Will Long (class of 2013) married Amanda Melton, Congrats!

Congratulations to Dr. Clayton Hofstra & Sara Bakhtiarnejad on their engagement!

Dr. Joe Mahoney (class of 2010) joined staff at GHS in Greenville, SC.

GHS has been approved for an EM Residency.

Dr. Scott Witt (class of 2012) and Dr. Page Bridges (class of 2015) both have titles within the residency leadership team!

Thank you all for your continued support to the EM Residency!
The Section of Emergency Ultrasound is proud to announce our 2015-2016 Golden Lube Award recipient, Dr. Brant Domangue.

Dr. Domangue has demonstrated an uncanny dedication (borderline obsession) with regards to ultrasound that absolutely exemplifies this ignominious award. Congratulations, Brant, and keep up the scanning!

The Section is also proud to announce the successful completion of the Emergency Ultrasound Fellowship by Dr. Jon Jennings.

Dr. Jennings has managed to prove his doubters (of which, there are many) wrong in what has been an outstanding year of bedside teaching and the development of a real expertise in point-of-care sonography. Moreover, he’ll be joining us as faculty in July. We are lucky to have you, Dr. Jennings!

Dr. Blake Willis will be wrapping up his joint Global Health and Emergency Ultrasound Fellowship this winter, and we’re thrilled to have him around for another 6 months. Between saving the world from tropical diseases and providing outstanding care to his MUSC ED patients, Dr. Willis continues to excel in teaching and scanning. He will continue to be a core member of the teaching faculty in ultrasound.

On a sad note, Dr. Dan Park, an ultrasound faculty member representing Pediatric Emergency Medicine, will be departing for UNC in July. Huge loss for PEM ultrasound education and an even bigger personal loss of a great friend. Good luck, Dr. Park!

As a reminder, Mel will be sending out monthly reminders about our Emergency Ultrasound Meet-Ups. Sign up for some one-on-one instruction, learn some advanced modalities or revisit some lost skills.

Section of Emergency Ultrasound
www.emergencyultrasoundteaching.com
Lots of good things happening in our section! We are continuing forward progress on many fronts and hope that you reap the benefits.

EMS

The EMS to Epic computer interface is up and running. We have had a few glitches, but they are being worked out. When the main local EMS agencies finish their charts, it should be automatically uploaded into Epic. In turn, EMS will get automatic feedback on the patients that they bring. Let us know how it is working.

EMS relations work continues. We are hoping to put in an EMS breakroom and continue to encourage nurses to ride-along and residents to take advantage of some of the many opportunities available to them. I am hearing a lot of positive feedback from EMS crews – some of them even want to buy our shirts! Please keep it up! Stefani Michael and Robin Dawson are continuing to help move some of these initiatives forward.

As usual, our outreach CPR training at Wando went well. We are still planning to expand our program, especially given recent SC legislation that will require CPR training for high school students. We are also looking at other opportunities for CPR training, and I will try to send out dates when I have them.

We have some ongoing learning opportunities, including our monthly lecture series on the first Wednesday of each month at noon in the ART conference room. Last month, our own Dan Fisher presented a great overview of OB emergencies, and we continue to have experts from different departments rotating through.

We are also hosting a DHEC "Medical Control" Workshop on July 27th at the Haborview Office Tower (HOT). It is an all-day event and is a required course for any physician wanting to be an EMS Medical Director.

If any providers, specifically Residents, Attendings, or Nurse Practitioners, want to attend, let me know or sign up at: Registration Form

Disaster

The disaster plans, carts and manuals are essentially completed, and it is time to start training! Hooray! Thanks to Kathy Lehman-Huskamp, Robin Dawson and many of our outstanding staff for their hard work in getting this done. We had our first tabletop with the residents a few weeks ago and initial feedback has been good. Let us know if you would like to undergo similar training for your group.

As always, thank you for your support, and let us know what else we can be doing for you!

CPR Training at Wando High School

Future training sessions will be announced soon.

If you’re interested in helping down the line, please contact Dr. French!

Autism Support Materials:
Room D44 is a quiet room, with TV/DVD, and dimmable lights. There is also an Autism Support cart which has DVDs, books, games, sensory items, card and coloring books.
Earlier this year I received my Diploma of Tropical Disease and Hygiene from the Gorgas Course in Lima, Peru. The Gorgas Course is an intense, 9 week course that consists of lectures, rounds on patients, small group discussion, and microscopy. I also completed the Advanced Medical Leadership Training course in El Salvador in May. The course is designed to equip medical care providers with the knowledge and resources to lead short-term medical trips to remote areas in the developing world.

Please visit: SC Prison Telemedicine Program to Save Taxpayers Money

Newsroom: Telemedicine July 12, 2016

Dr. O’Bryan, is part of this pilot program – a collaboration between the prison system and the Medical University of South Carolina.

Reminder:

In local service opportunities, a clinical service opportunity in Mt. Pleasant has arisen within the MUSC Community. The St. Andrews Free Clinic meets every Tuesday in the Old Village under St. Andrews Church and sees patients without insurance with the assistance of the MUSC PA and NP Programs. Faculty MDs, PAs, and NPs are needed to supervise students as they serve. The clinic provides full JUA Malpractice coverage. Contact the Executive Coordinator of the clinic, Hope Caldwell, for more information (hopecaldwell@comcast.net or 843-297-9424).

Dr. MenkinSmith will begin her time abroad this August in Haiti.
Wellness Committee
Diann Krywko, MD, FACEP

This edition of the EM Newsletter marks the official beginning of EMPPowered, a newly developing program with the goal of making our EM family healthier, happier, stronger and more confident in our lives, both personally and professionally.

Current happenings:
Resident Wellness Committee – Drs. Diann Krywko and Lindsey Jennings, Dr. Libby Barton (PGY3), Dr. Owen Stell (PGY2), and PGY1. This committee is currently directing energy towards a new innovative BigSib Program to pair incoming interns with PGYIII as mentors, intern welcome, and social events. As funding becomes available, the Wellness Committee is planning to expand.

Anyone interested is welcome to join in and/or send ideas to the committee.

EMPPOWERED Lecture Series: Beginning in July.
Have a thought, quote, or excerpt that is meaningful? Please send to me to share with the group in the "Search for Wellness - Quote/Thought of the Week".

Topic of the Month: Burnout and Depression
Whether you’re a seasoned faculty veteran or just entering residency, summer time tends to bring on fun, sun, and smiles. However, that may not be true for everyone. Face it, we have a very stressful job no matter the time of year. 52% (50% male/58% female) of EM physicians feel burnout [Source: Medscape 2015 Physician Lifestyle Report], 15–30% of medical students and residents screen positive for depression and 400 physicians die from suicide each year.

Let’s keep each other at the top of the list when it comes to taking care of people. Ask, support, help. There are many programs at MUSC to help if the need arises.

CAPS (Counseling and Psychological Services)

How Physicians, Health Care Workers Can Handle Depression, Burnout, and Suicidal Thoughts
By Jay A. Kaplan, MD, FACEP | on January 15, 2016
When I was an intern in 1976, I invited a good friend over for dinner. She had been having some trouble with her boyfriend, and I was hoping to cheer her up. I cooked dinner, and we talked. The evening was a connected one, and at its end, I offered her a plant cutting, which I had made for her. This was my way of saying I care. She declined my gift. The next day, I was told that she had committed suicide the morning following our evening of friendship. I felt so guilty. I almost quit my internship that week.

Here Is What I Wish I Knew
Depression is insidious. It sneaks up and can take you down in an instant. We as physicians, and other health care professionals, are not good at recognizing burnout and depression in ourselves. We are perfectionists and expect ourselves to be experts from day one, which is unrealistic. The most difficult task, and the most important when you believe a friend or colleague is depressed, is to reach out and offer your help. If your assistance is refused, share your concern with another friend and ask again.

The most difficult task, and the most important when you are having difficulty, is to reach out and ask for help. Admitting your own struggle and powerlessness is a big first step in helping yourself. It takes courageous humility.

We need to seek out those who appreciate our strengths and assist us to get better in those areas where we fall short.

While it is true that time passes very quickly, there is always more work. There is not always more time. We need to treasure our families and our friends. We will never regret bringing more love to who we are and what we do.
**Updates from Dr. Matuskowitz**

**New ECG Workflow** - On July 25th, we will be piloting a new ECG workflow. Please attend Dr. Matuskowitz’s 10am lecture at conference this week for further clarification. He will also email instructions for the new workflow. Please be sure to read carefully and ask him if you have any questions.

**Chest Pain Center Monthly Meetings** - We will be starting Chest Pain Center monthly meetings in order to identify pathways to improve patient care at the CPC. This will be an excellent opportunity for residents who are interested in future administrative roles as well as cardiovascular research opportunities. Please email Dr. Matuskowitz if interested in hearing more.

**Observation Unit** – Due to psychiatry boarding issues, the observation unit pilot is currently on hold. Once we have the infrastructure in place, we plan to utilize the E-pod for psych boarding to offload the B side, and then we hope to use a portion of the B-pod for Observation Patients. As the psych boarder issues improve, we will update you further about the observation unit.

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**News & Kudos!**

**Christina Bourne, MD:**
Has accepted a position to become a charter member of the LEAD Executive Board. She was selected for her unique talents and capabilities – providing input into curricula, recruitment, assessment of programs and the development of graduates.

**Christina Bourne, MD:**
National AAMC GSA-CiM-OMR Conference in St. Louis, MO (June 2016)
Poster Presentation: “Optimizing the learning environment: A strategy to foster student wellbeing and success”
Conference Presentation: “Career Advising for Millennials on a Shoestring Budget”

**Edward Jauch, MD, MS:**
Accepted invitation to become Chairman of the Stroke System of Care Advisory Council (April 2016), for a 3-year term. The Stroke Advisory Council is responsible for advising the Department of Health and Environmental Control (DHEC) on the development and implementation of a statewide system of stroke care.

**Christine Carr, MD:**
Dr. Carr has been appointed as an Associate Professor in the School of Public Health Sciences and is working on several funded projects with the BMIC (BioMedical Informatics Center). She is working with the BMIC and Health Sciences South Carolina HSSC to expand Health Information Exchange (HIE) in the state to improve the health of all South Carolinians.

**Diann Krywko, MD:**
American College of Physicians (ACEP) – fellow status achieved! Her status becomes effective this October and she may begin using the FACEP designation. She will officially be inducted during the ACEP 2016 Scientific Assembly.

**Diann Krywko, MD:**
Dr. Krywko was accepted into the LEAD (Leadership in Academic Medicine): Transformations Program, which begins this September.

**Jon Jennings, MD and Drew Johnson, MD:**
Both were mentioned in a letter to Dr. Jauch for their professionalism, compassionate handling and exceptional care provided during a patient’s stay in the ED. Superb physicians! (March 2016)

**Keith Borg, MD, PhD:**
Became President Elect, Board of Director – South Carolina College of Emergency Physicians.

**Daniel Barr:**
Accepted a position with our IT group, as an Information Resource Consultant. He, along with Matt McCoy and Erika Murphy, are here to assist with our IT needs. Please email medhelp@musc.edu for any questions or concerns relating to IT. This is a group email and one of the members will respond to ensure everything is handled in a timely manner. They are all wonderful to work with.

**Press Ganey Employee Engagement Survey Results:**
Tier 1 rating for our unit (EM) – meaning we are engaged and well-prepared to move forward; this is a result of hard work and commitment of leaders who strive to make their units high-functioning and aligned with the institution’s goals. Recognition by Dr. Raymond DuBois.

**James Tolley, MD:** Honorary Resident in Emergency Medicine - Cleveland Clinic Akron General, Emergency Medicine Residency, Akron Ohio.
Daughter: Jessica Tolley-McLendon, MD and Granddaughter: Miss Ella McLendon
Presentations/Posters:

King J, Hayden G, Connors N. “Polyneuropathy from Acute on Chronic Inhalation of Nitrous Oxide.” Poster presentation, 2016 Annual Scientific Meeting of the American College of Medical Toxicology, Huntington Beach, CA. March 2016.

Nina Asbury, MD - Made a case presentation for the American College of Medical Toxicology. She was unable to attend, but Dr. Connors presented on her behalf.

Susan Wilcox, MD - “Mechanical Ventilation in Critical Care Transport” Invited Lecture, Critical Care Transport Medicine Conference, Charlotte, NC, April 2016.

Susan Wilcox, MD - “Pulse Pressure Variation” Invited Lecture, Society for Academic Emergency Medicine, New Orleans, LA, May 2016.


Keith Borg, MD, PhD - VP Shuts. Pediatric Resident Noon Conference. Medical University of South Carolina. Charleston, SC. March 17, 2016.


Dan Fisher, MD – “Prehospital Management of Obstetric Emergencies” to Charleston County EMS on June 1, 2016.


Jauch, MD - “Stroke Management in 2016”. Visiting Professor, Department of Emergency Medicine, University of Cincinnati, April 13, 2016

Jauch, MD - “The Role of Emergency Medicine in the Future of Telehealth”. Visiting Professor, Department of Emergency Medicine, University of Cincinnati, April 13, 2016

Publications:


Mission Trip

In June Dr. Jauch enjoyed his 6th medical trip to Trujillo Honduras serving as a physician in a collaborative rural village clinic in Guadeloupe Carney with the Honduran health ministry. This was a record-breaking year with 104 people staffing in partnership with local physicians and nurses the hospital in Trujillo, a dental clinic, an eye clinic and 3 rural villages. Most of the physicians and nurses are affiliated with the University of Arkansas Medical Center, including his sister who is the jefa of his clinic.

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Publications:


Evan M. Pucillo, PT, DPT, Matthew B. Huish, PT, MBA, Quinn Tate, MS, Edward C. O’Bryan, MD, Ty T. Dickerson, MD, MPH. Global Health and Disability: A Review and Call to Action for All Rehabilitation Professions. Journal of Global Health Leadership, V1, Q4, 2016.


Research:

Our NIH SC-CoAST grant have been renewed for a 4th year! It is the longest running NIH grant in the Division’s history.

Keep your fingers crossed. Emergency Medicine led the multidisciplinary submission involving Cardiology, Critical Care, Trauma, Neurosurgery, and Pediatrics from MUSC on a multicenter submission to the NIH for the new Emergency Care SIREN network. Our submission, SE-SIREN, is a collaborative with Vanderbilt University, University of Alabama Birmingham, University of Mississippi, University of Florida, and Augusta University. This new network is replacing the former NHLBI Resuscitation Outcomes Consortium and the NINDS Neurological Emergencies Treatment Trials (NETT) Network. If funded, we will see multiple new clinical trials coming to the ED on a broad spectrum of emergency care over the next 5 years and perhaps more.

Congrats to our 2015-2016 Interns/Residents for successfully completing the Resident Incentive Program!

Special Thank You to all of our Faculty Members who have given lectures for our EM Resident Didactics during the 2015-2016 Academic Year! We greatly appreciate your time!