Greetings from the Director

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Colleagues,

Welcome to another edition of the Division of Emergency Medicine newsletter. A lot has happened since our last edition. We welcomed Dr. Dan Handel to the team and to his new role as Chief Medical Officer for MUSC, we matched another fantastic group of residents for the coming year, we hired Dr. Nick Conners as our inaugural Section Director for Toxicology, and we continued to grow our scholarly portfolio through education, research, and community service. Reflecting back even further on 2013 many exciting developments occurred in our Division, such as the start of our ultrasound fellowship, the development of the section of prehospital medicine, significant growth in our research efforts, and meeting our clinical LEM goals.

These achievements would not have been possible without all your hard work and efforts. Yes, times continue to change and the Division will encounter new challenges and opportunities from within and from without but the new year is bringing new opportunity for further growth and advancement. The coming academic year looks even more promising. I have yet to create a trademarked tag line for my closures but let’s continue to use our shared core values of integrity, compassion, and service as we build our clinical, education, and research missions into the best possible. My door is always open so please feel free to share your thoughts.

Ed

PLEASE SEND ALL FUTURE NEWSLETTER ARTICLES OR ITEMS TO:
Daniel Barr
Newsletter Coordinator
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Residents

With Match Day on March 21st behind us, we now welcome our six new PGY-1’s to the Emergency Medicine Residency Program. We are eagerly preparing them to officially start on July 1st.

- Elizabeth Barton “Libby” is from Geisel School of Medicine at Dartmouth, undergraduate in Chemistry at Bowdoin College in Brunswick, Maine.
- Jonathan Caleb King is from West Virginia University School of Medicine, undergrad in Biology at West Virginia University as well.
- Patrick Reid Williams is from our own MUSC, undergrad in Biology at Erskine College, SC. He is married with two little ones.
- Nina Marilyn DeSantis is from the University of Cincinnati College of Medicine in Cincinnati, Ohio, undergrad in biochemistry at John Carroll University, OH.
- Leanne Lucille Radecki is from University of Maryland School of Medicine in Baltimore, MD, Masters in Biochemistry and Molecular Biology from Johns Hopkins School of Public Health and undergrad in Physiology and Neurobiology from University of Maryland.
- Ibrahim Isa is from Florida State University College of Medicine, undergrad in Applied Physiology and Kinesiology from University of Florida in Gainesville, FL.

Another ACGME Acronym to Learn

Per ACGME requirements, the MUSC EM CCC has formed. CCC stands for Clinical Competency Committee and as of July 1, 2013, the Committee was established as the format for resident evaluation utilizing Milestones. The general concept of the CCC is to use the Milestones to achieve a more objective assessment of each resident, and to give/receive optimal feedback, earlier detection of a resident having difficulty, and earlier intervention and remediation when necessary. The committee is to review every resident for progression on all of the 23 EM milestones every six months. The first session of evaluations was implemented in January, 2014. The CCC will review all of the residents; give advice, and make recommendations for milestone levels. The MUSC EM CCC is chaired by Dr. Jeff Bush, Associate Residency Program Director, and two other core faculty members – Dr. Pauline Meekins, Simulation Based Education Director, and Dr. Simon Watson, Medical Student Education Director.

Resident Spotlight

Dr. Warren Boone (PGY-3) is our featured resident for the winter newsletter. Dr. Boone did his undergraduate schooling at Rhodes College (Memphis, TN) and completed medical school at the University of Arkansas.

Favorite thing to do outside of work: Anything active and/or outside- playing soccer or tennis, running, going to the beach, even a little golf from time to time.

Favorite thing to do in Charleston: Watch the sunset over Sullivan’s and IOP while kiteboarding with buds like Crumpler and Hoskins, and then hit Home Team or Poe’s after for food and drinks.

Favorite Case (so far): The case that sticks out in my mind now is one of a young lady who presented with headache without any of the usual red flags that are beyond the scope of the newsletter. She had been to many providers over the years for headaches, usually with unsatisfactory results. I knocked her headache out within minutes, but that isn't the important part- the gratitude of patient and mother were a perfect example of why even the smallest things we do matter.

Interesting fact: I’m one of about fifteen people with their name on a plaque in my favorite restaurant in Little Rock for successful completion of a hamburger challenge. Ask me for details.
Research: Division of Emergency Medicine

The Emergency Medicine Division had a strong showing in the 8th Annual Department of Medicine Research Symposium, Jan 28, 2014 in the Harper Student Center Gymnasium. Last year over 100 posters were presented by medical students, graduate students, residents/fellows and junior faculty from the Medicine Department. This year the EM Division submitted 12 abstracts (see below). Posters are judged and authors of top posters receive awards.

**Blood Pressure Guidelines in Patients With Severe Cerebrovascular Disease.**
Porto GBF, Spiotta AM, Jauch EC

**Competencies During Chaos: Life-Saving Performance of Patient Care Providers Using a Multi-Actor, Competency-Based Emergency Preparedness Curriculum**
Scott LA, Ross T, Davis CA, Tuerber J, Seymore A.

**Bougienage: A Safe and Cost Effective Treatment for Coins Lodged in the Esophagus**
Aaron Blackshaw, Evan Allie, MD, Joseph Losek, MD, Rachel Tuuri, MD

**Accuracy of 12-Lead EKG Interpretation by Emergency Physicians and Paramedics for STEMI Alert Activation**
Hall, GA, Gilman, CS, Carr, CM, Jennings, K, Todoran, TM, Saef, SH

**The Impact Of a Health Information Exchange on Resource Use and Medicare-Allowable Charges at Eleven Emergency Departments in a Midsized Southeastern City: An Observational Study using Clinician Estimates**
Steven H. Saef, Christina L. Bourne, Jeffrey S. Bush, Lancer A. Scott, Hussein, Christopher Gaafary, John Walters, Kevin Keenan, Brenda J. Walker, Karen Kriza, Christine M. Carr

**Effectiveness of a Post-Emergency Department Automated Telephone-Call on Follow-Up Appointment Compliance and Association of Compliance with Subsequent Hospitalization**
Charles S. Gilman, James H. Tolley, Yalani L. Vanzura, Joseph Losek, Christine M. Carr, Kimberly S. Davis, Adam Branoff, Paul H. Riehle, Steven H. Saef

**Impact of the SBAR (Situation, Background, Assessment, Recommendation) Handoff on Boarding Times of Behavioral Health Patients in the Emergency Department**
Zayac, SL, Carr, CM, Bond, SM, Saef, SH

**Can Data From A Health Information Exchange Be Used To Describe Patients Who Visit Multiple Emergency Departments Within A Region?**
Christine M. Carr, Steven H. Saef, Jingwen Zhao, Christopher Arnaud, Justin Marsden, Cathy L. Melvin, William P. Moran, Patrick D. Mauldin

**Time to Antibiotic Administration to Septic Patients in the Emergency Department**
Brett Lorenzetti, Charles Gilman, Joseph Losek, Gregory Hall, Steven Saef

**ED Management of Sexually Transmitted Infections**
Dodd, DM, Hall, G, Gilman, CS, Losek, J, Saef, SH

**Discharge Rate from the ED as a Surrogate Marker of the Appropriateness of Trauma Alert Activation**
Meghan Cummins, Deborah Couillard, Charles Gilman, Steven Saef

**Choice of Direct Versus Video Laryngoscopy and Intubation Success Rates of Emergency Medicine Residents**
Grider, B, Gilman, CS, Hall, G, Saef, SH

Be a truth finder, be a researcher.
Recent Publications


Faculty Development and Mentoring

- The Department of Medicine’s new FY14 Faculty Development and Mentoring Program is newly improved and doing well! Many changes have occurred, including, as you know, the loss of e-value CDP. The new program has a dedicated website, with links to FAIR CV update, IDP, promotions grid, and a toolkit among others. From this site, you may also schedule individual one hour meetings with Dr. Gerard Silvestri and/or Dr. Jeffrey Wong. Take advantage of their expertise, advice, and commitment to our success.

www.medicine.musc.edu/FacultyMentor/index.htm.

- If you have not completed your Individualized Development Plan (IDP), please do so.

- ACEP.org has a dedicated professional development section focusing on education, administrative, research, and professional skills. I encourage you to utilize these free tools. There are some outstanding links to articles and other tools for professional development.

http://www.acep.org/facultydevelopment/

- If you are interested in attending one of the 2014 AAMC seminars for women faculty, please let me know soon. These are excellent networking and leadership skill advancement opportunities.

  - Early Career Women Faculty Professional Development Seminar, July 12-15, Englewood, CO
  - Mid- Career Women Faculty Professional Development Seminar, December 6-9, Austin, TX

Motivation for the upcoming quarter!

The mediocre leader tells. The good leader explains. The superior leader demonstrates. The great leader inspires.” — Gary Patton
The Emergency Ultrasound Section has enjoyed a strong start to the New Year. Almost 4000 ultrasounds were performed in the calendar year 2013! Nicole, our fantastic inaugural fellow, will finish this June, so it’s time for the section to welcome our 2 new fellows, Warren Boone and Dan Park. Warren will complete his residency at MUSC in June and join the faculty as a clinical instructor and ultrasound fellow in July. Dan will be in his final year of his Pediatric Emergency Medicine Fellowship and will complete the fellowship with a concentration in Pediatric Emergency Ultrasound.

In addition to the fellows and residents running around the department, we have been able to add an elective for the 4th year medical students as well. Please welcome them and let them know when you have potential scans as well!

We are excited to welcome our new Zonare ultrasound machine to the department. Please do not use it in Traumas or let it leave the department. For a quick in-service on the new machine, please go to:

http://emergencyultrasoundteaching.com/ultrasound_resources.html

Please keep scanning and documenting your scans in Epic. Feel free to contact one of the ultrasound team if you would like some personalized instruction with the machines or technique.

U/S education home page: http://www.emergencyultrasoundteaching.com

Geoff & Brad & Nicole
Mission Statement

The Center for Health Professional Training and Emergency Response (CHPTER) is a groundbreaking community project, serving as South Carolina’s first collaborative emergency preparedness training center for patient care providers. Unlike most disaster training courses, CHPTER has developed training for all providers of patient care during a disaster -- including clinicians, hospital workers, mental health providers, public safety, community volunteers and local business owners and employees.

Through inter-professional collaboration with our community coalition, CHPTER will help enhance surge capability in our region by giving disaster care providers hands-on lessons that will protect and save patient lives. For more information, please visit www.musc.edu/chpter or contact Justine Henry at henryjj@musc.edu.

Updates

CHPTER has hit their 1,000 providers trained milestone after hosting a disaster training class on March 28, 2014 in Gazes Auditorium! Participants of various medical and non-medical backgrounds attended the half-day session. CHPTER will be holding another training on April 25th. For a video of past training experiences, please visit www.musc.edu/chpter.

Wilderness Medical Society

About four months ago, four CHPTER medical student volunteers (Julie Teuber, Jamal Jones, Julie Staub and Andrew Seymore) expressed interest in submitting a poster to the Winter Conference for the Wilderness Medical Society (WMS). An abstract focusing on medical team performance in austere environments was submitted with the help of Crispin Reeves, and Drs. Manaker and Watson. The students presented in February 2014. Congratulations to the students on this achievement!
Highlights, News and Notes

I would like to start off by saying how much I have enjoyed my introduction to the Division of Emergency Medicine – you are a very welcoming and supportive group. I am very excited about the future of prehospital medicine at MUSC! Now on to the business at hand – and apologies for not having cool pictures – I will be more prepared next edition.

EMS

With the help of some of our stellar ED nurses, especially Robin Dawson and Brian Cox, we are making some adjustments to our EMS encoding process. Ideally, we are planning to standardize and simplify the process. For the providers, we will be trying to let you know when EMS will be bringing a patient to your Pod. I encourage you to meet them on arrival whenever possible.

We are also trying to make EMS feel welcome when they come in. If you have feedback for crews – positive or negative – please send it to me. I am also looking for interesting cases and ECGs to post on the bulletin boards by the EMS entrance. If you have something cool, please pass it along. We also have opportunities to ride or fly with many of these agencies – if interested in flying with Meducare Air, contact Dr. Manaker.

Finally, we may be seeing more firefighters observing in the ED, thanks to Dr. McGary’s efforts to develop occupational health services for Charleston Fire and Police Departments. He has also started an EMT class to assist local fire departments in improving their “first response” capabilities. Pretty exciting stuff for our group!

Disaster

Dr. Kathy Lehman-Huskamp (Peds EM) has taken over hospital-wide disaster preparedness duties from Dr. Manaker, but we have an opportunity to modify our divisional procedures to make them more operational for us. We are starting an ED committee to look at our disaster plans, modify them as needed, and then educate all staff. If anyone has ideas for improvement or a desire to assist with the process, please tell us.

Event Medicine

We are in the process of trying to build more relationships with organizations and events in the area, if you are interested in helping with this please let me know. Hopefully, this will be the beginning of a more robust event medicine team. Initial conversations with hospital administration have been positive. Stay tuned – more to follow.

Outreach Education

We are partnering with some of the local fire departments and EMS agencies to improve CPR education in the community, especially in the high schools. Unfortunately, Dr. Ramsay’s departure is a setback to the program, but this could be a great resident academic project. There is another academic possibility with an AED project that I am working on. Let me know if you have an interest.

Again, thanks for your help and support. We are looking forward to some of our new directions. If you have more ideas, please share!
Wellness

It’s 2014 and you may be thinking about how much you exercise!

The 2008 Physical Activity Guidelines for Americans recommend a minimum of 2-1/2 hours per week of moderate-intensity aerobic activity, or a minimum of 1-1/4 hours per week of vigorous-intensity aerobic activity, or a combination of the two.

The following opportunities for exercise are located right here at MUSC:

The MUSC Fitness Park is part of the Greenberg Greenway -- located near the Urban Farm, it consists of walking trails and outdoor exercise equipment. Fitness trails and stations combine scientifically designed exercises with walking or jogging to provide a well-balanced physical fitness routine for the entire body.

The Wellness Center offers a Monthly Fitness Series -- these are free monthly classes the third Wednesday of each month, along with a free day pass to Wellness Center. See website for schedule.

The Wellness Center also offers unique classes such as Surfset (a surfing based exercise trainer), P90X, TaiChi, Pilates, and personal trainers. They also offer Youth Camps for kids during the summer and holiday breaks that consist of days full of swimming, games, and tennis.

Now is the time to get fit and improve your physical and mental wellness!
Upcoming Events

Upcoming Faculty Meetings

- 8 May
- 5 Jun (EPIC Training)
- 3 Jul (tentative)
- 7 Aug (tentative)

* Faculty meetings are generally held every 1st Thursday of the month
Highlights, News and Notes


And even more exciting news about Denise...she got married! Congratulations Mrs. Deguzman!
Highlights, News and Notes

Dr. James Tolley speaks during the unveiling ceremony of a historic marker placed by the Preservation Society of Charleston dedicated to the 1969 hospital strike.

Dr. Amy Ramsay participated in a live CPR training course at Wando High School.

Fun times at ACEP in Seattle!

Dr. Edward Jauch received the AHA 2013 Stroke Council Award in November 2013.

*photo courtesy of the American Heart Association

- MUSC won a $1.7 million grant from NIH to serve as a regional stroke coordinating center, due in no small part to Dr. Edward Jauch’s meticulous care and oversight during the grant application process.
- Dr. David French passed his EMS boards!
- Dr. Geoff Hayden was chosen as one of Charleston’s 40 under 40 by the Business Journal!
- Dr. Chris Carr has been selected to represent MUSC at the SCHA/ACPE Executive program in SC!
- Dr. Eric Larson was selected as a January 2014 Faculty Excellence Nominee!
- Karen Murphy was selected as the Department of Medicine Employee of the Quarter for 3rd Quarter 2013!
- Last but not least, Heather Reid moved into her new position as the EM Residency Coordinator!
Congratulations to Dr. Lacey Menkin, who is the recipient for the 2014 PMI International Medicine Scholarship. Dr. Menkin will be applying the $2,000 award towards a medical mission trip to Burundi, Africa, in 2014. The International Medicine Scholarship is awarded annually to an Emergency Medicine resident with a strong humanitarian background and an intention to serve the international community on medical mission work.

Palmetto Medical Initiative (PMI) is a 501C3 non-profit with a mission to transform communities by improving the quality of accessible healthcare, through a model of empowerment and sustainability.

Rachel Haslip’s little slice of Heaven, Elliana Rae, was born 3 March 2014, coming in at 5 pounds 7 oz. and 19 1/4”.

Blair Turnage also had her baby boy, Maddox, on 7 February 2014. Cute and cuddly as expected. Sadly we don’t have a photo to include.

Dr. Stephanie Bailey and Brad Thomas got engaged on 22 December 2013. Congrats!
Highlights, News and Notes

Susan Zayac received her Doctorate in Nursing Practice in December 2013. Her graduation ceremony will be in May. Way to go!!!

Dr. Christine Carr and Dr. Steven Saef were featured in an article on healthcareitnews.com about their ACEP study in how health information exchanges provide cost savings. This study was also featured on CNN Health, AHA News, and the Post and Courier.

Highlights, News and Notes

Dr. Jauch,

I enjoyed speaking with you last Thursday. I am writing to thank each of your faculty for their help in planning and carrying out the 4th Annual Pediatric Trauma and Injury Prevention Symposium. Without the EM Department the program would likely not have been so successful.

Feedback from the conference has been overwhelmingly positive. Keith provided an excellent talk on Concussion Recognition and Management, Greg ran our pediatric airway module and Geoff and Brad trained the small groups on US guided iv placement and the rapid IO.

I cannot thank you and your faculty enough for making the conference an outstanding event.

Chris Streck, MD
Associate Professor of Surgery and Pediatrics

Teaching Awards

Please join us in congratulating the following Emergency Medicine Faculty:

Dr. Pauline Meekins—Teacher of the Month

Dr. Christine Carr—Teacher of the Month

Dr. Diann Krywko—Academy of Medical Educators Master Teacher

Dr. Simon Watson—2013 Golden Apple Award!

Dr. Eric Larson—Faculty Excellence Award
Kudos!!!

We brought home a 10lbs., 7oz. healthy baby girl, named Madison “Elle” Robison. Her older brother, Tradd-Michael, was in Mrs. Watson’s class, her oldest sister, Anna Raquel, was in Mrs. Callan’s class and her other sister, Paulina, was in Ms. Robin’s class at the IOP rec. 3½ weeks later, Elle started showing symptoms, and her godmother, who is an ER Pediatric nurse convinced us to take her to the ER for a chest x-ray. She had to have open-heart surgery the next day! She had a Cor triatriatum repair, (instead of a hole in her heart, she had an extra piece of skin that needed to be removed), and has a “Miracle Mark” that we are so proud of! Thank you for participating in the Jump Rope for Heart program to help the American Heart Association raise money and awareness for heart research.

*Elle Robison is the youngest daughter of our very own Amy Robison

From: Bryant, Alicia
Sent: Friday, February 14, 2014
To: Trogdon, Angela
Subject: Recognition

Hi, Angie! I'm not sure who exactly to write this to, but Adam Turk, PA is an amazing PA! He seriously goes way above and beyond, and because he is quiet, I don't want his efforts to go unrecognized. He frequently starts IVs, IVFs, sends lab work, and I have even seen him insert a Foley catheter. No job is too small for him, and he consistently helps when help is needed. Please forward this email to the appropriate personnel.

Thank-you!

Sent: Sunday, December 08, 2013
Subject: Thanks

Would you please pass along my sincere gratitude to anyone at MUSC who provided assistance to me during my recent visit to the ER. The attention, care, and hospitality afforded me by everyone with whom I had contact made my experience a positive one.

Michael
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