



The Legacy

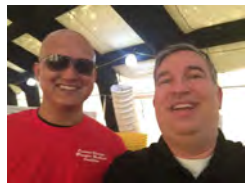
After a great start, our 1st class began training in EM, PEM, Trauma, IM, MICU, Ortho, Anesthesia, and OB-GYN were they are getting excellent appraisal by the different Faculty.

Also, this semester we accomplished some important benchmarks.

We were present during ACEP16 Annual Scientific Assembly at Las Vegas, NV. We had a table at the Medical Students Fair where the students met and talked with Dr. Jose Rubero, APD. Dr. Rubero was able to interview, talk, and give a presentation about our EM Residency Program. Also, Dr. Tracy MacIntosh, our Clerkship Director, gave a lecture as a new speaker at ACEP. Another accomplishment made while at ACEP16 was the participation of Dr. MacIntosh and Dr. Rubero demonstrating the insertion of intravenous pacemaker and its complications in a Sim-Man.



At the beginning of November, Dr. Abushek Roka and Dr. Jose Rubero participated as medical staff for the field hospital at the Electric Daisy Carnival in Orlando, FL. They were able to take care different types of patients/conditions, in association with the Orlando Health EM Residents and Attendings, in the field preventing the overcrowding of patients in the local EDs.



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Dr. Rubero and Dr. Roka w Michelle

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Activities

- Core Faculty Meetings—Every 2nd Thursdays at noon; GME office
- Brainstorm Meetings—Every 1st and 3rd Tuesday; GME office
- EM Days—March 13-15; Tallahassee, FL
- Sheridan Innovation on EM—April
- CORD Meeting—April 27-30, 2017; Ft. Lauderdale, FL
- SAEM—May 16-19, 2017; Orlando, FL

Letter from the Program Director

Amazing! What a start to our new Emergency Medicine Residency Program! Since our first class began on July 1st we have been busy teaching and learning.

It's been a fantastic start to the academic year. All of our residents have worked in the ED at Osceola. I have had countless reports from the nurses and other staff members about how great it has been to have EM residents in the ED! It's a game changer! The patients have given great feedback and they are very positive about seeing the medical students and residents as part of their healthcare team.

We are very grateful to all the members of Osceola ED who make it possible to have a residency program in our ED; the nurses, paramedics, unit secretaries, radiology, laboratory, patient business affairs, and Respiratory Therapy! We are all working together to build a great Team Osceola ED.

I want to mention a special thank you to the Pediatric ED. Dr Bergman has been instrumental in organizing and making it possible for the EM residents to rotate and do shifts in the Peds ED. The residents tell me they are learning a lot from the nurses who work the Peds ED too! Way to go! Teamwork!

We all learn from each other and we hope that we never stop learning! Refining our clinical skills and keeping up to date with medical knowledge is our goal!

Thank you for a wonderful first 6 months.

Bethany Ballinger MD, FACEP, FAAEM
Associate Professor of Emergency Medicine
Program Director



"We are excited to have residents with a pioneering spirit who are excited about the chance to build something new and use cutting edge technology."

Recruitment

Yes, it is that time of the year where interviews started.

We are currently interviewing our next class of residents that will start on July 2017.

We had many students from Florida as well as nationwide medical schools.



Welcome to Our Second Issue

In this issue, we celebrate the accomplishments achieved by the residents and Faculty during this past six months as well as we celebrated the 10th Year Anniversary of the UCF COM Inauguration.

We celebrated with the Orlando Community where there was a progressive dinner and cocktails by Orlando's top chefs while enjoying live entertainment culminating with a spectacular fireworks display.

Enjoy.

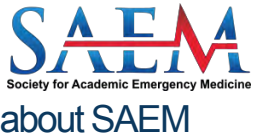


José A. Rubero, MD, FACEP, FAAEM
Associate Program Director
Associate Professor of Emergency Medicine



Dr. Rubero teaching at ACEP16 in Las Vegas, NV

Emergency Medicine Residency Faculty Featured On The National Stage at SAEM



The Society for Academic Emergency Medicine (SAEM) is dedicated to the improvement of care of the acutely ill and injured patient by improving research and education. To achieve this mission, SAEM influences health policy through forums, publications, interorganizational collaboration, policy development, and consultation services for physicians, teachers, researchers, and students. SAEM represents excellence and leadership in academic emergency medicine, and its values include idealism and quality in all endeavors, nurturing and camaraderie and diversity among members, as well as creative

We may be just 6 months into our brand new residency program, but we have been busy! As Orlando's only university based academic emergency medicine residency program, we have already made our mark. The residency faculty will be presenting 2 invited didactic sessions at the national SOCIETY FOR ACADEMIC EMERGENCY MEDICINE meeting (SAEM), to be held here in Orlando on May 16-19, 2017. Each year, hundreds of didactic ideas are submitted, but only a handful makes it to prime time.

DIDACTICS AT SAEM

This year, our faculty will be presenting:

1. One topic 3 ways (Friday May 19, 2017): In this educational session, Drs. Bethany Ballinger, David Lebowitz, and Latha Ganti will discuss how to take a bread and butter topic such as pulmonary embolism and teach it in 3 different ways- 1) the traditional way with PowerPoint slides, 2) the flipped classroom approach, and 3) using simulation based training. Drs. Ballinger and Lebowitz are well

known for their innovative teaching techniques, which keeps the material fresh and the learners engaged.

This didactic was selected to be delivered in the Educational sessions part of the meeting. Educational sessions focus on enhancing teaching skills, improving the quality of education, educational methodology, or resident and medical student educational innovations.

2. Current stroke trials whose outcome will change practice (Thursday May 18, 2017). In this session, Dr. Latha Ganti will highlight recent stroke trials that will impact stroke care in our emergency departments. Topics include thrombolysis for wake-up stroke, bypassing primary stroke centers for large vessel occlusions and use of prehospital CT for acute stroke. Dr. Ganti is chair of the writing committee for the Neurologic Interest Group for SAEM, where each of these topics will be developed into position papers for practicing emergency physicians. This didactic was selected to be delivered as a State of the Art session, which showcase cutting-edge research or clinical approaches with important implications for either further investigation or the practice of emergency medicine.

RESEARCH ABSTRACTS AT SAEM:

Our department submitted 3 abstracts to SAEM, and all 3 were accepted for the oral moderated session at SAEM! Each year, SAEM receives over 1200 abstract submissions, of which less than 60% are accepted. This year the research will be presented at the Hyatt Regency hotel in Orlando:

1. Anand, Ballinger, Ganti. Utility of Routine Urinalysis on Emergency Department Decision-Making

Friday, May 19, 2017 from 10:30 AM - 11:30 AM

2. Ballinger, Anand, Ganti. Impact of Urinalysis on Emergency Department Length of Stay

Friday, May 19, 2017 from 10:30 AM - 11:30 AM

3. Kramer, Dub, Ballinger, Ganti. Predictors of Outcome Following Severe Sepsis

Wednesday, May 17, 2017 from 3:00 PM - 4:00 PM

The Legacy

As part of our achievement, in October, our own Dr. David Lebowitz received the GME Innovative Teaching Award by the UCF COM.

Also, we had our official Residency patch designed.

We all excited what 2017 will bring us.

José A. Rubero, MD, FACEP, FAAEM
Associate Program Director
Associate Professor of Emergency Medicine



Dr. Lebowitz receiving UCF COM Award



Our Patch

Resident Corner

Greetings from UCF/HCA Emergency Medicine Residency Program of Greater Orlando! It's hard to believe 5 months have gone by and it is with pleasure that we update you on our incredible and busy journey. As a team thus far, we have managed to rotate through all the different specialties assigned and feedback has been excellent from all the departments. Our emergency department is busier than ever and with the help and support of our faculty and staff, we have managed to log countless amounts of procedures and learn more than we ever thought possible in such a short period of time! In early November, Dr. Rubero and Dr. Roka had the opportunity to work at EDC Orlando helping treat patients alongside with other EMS personnel from all over Florida.

Furthermore, we have received over 1000 applications and the interview process has begun for the upcoming class of 2020. It has been amazing to meet all the potential candidates! Our program is evolving and becoming better and better every day; we look forward to many great things in the future years!

We would like to take this opportunity to send our "Congratulations and Best Wishes" to Dr. Benzing and his beautiful fiancé in their upcoming wedding.

By: Abhishek Roka, MD, and Leoh N. Leon II, MD

Our Newest Members

This past October, we added a new member to the team, Dr. Javier Rosario. He will function as the Assistant Simulation Director. Dr. Rosario received his MD from San Juan Bautista School of Medicine in Puerto Rico. He completed his residency training from the University of Puerto Rico Emergency Medicine Residency Program. He moved to Florida and joined Florida Emergency Physicians to complete an Ultrasound Fellowship Program. During his Fellowship he developed a quarterly newsletter, an ultrasound quick book, helped with credentialing and recruiting future fellows. He was appointed the role of Ultrasound Assistant Fellowship Director where he revised and updated the fellowship curriculum to meet ACEP standards, helped with recruiting, and served as the Ultrasound Coordinator for the Florida Hospital Orlando Emergency Department. He is currently an Assistant Professor of Emergency Medicine at UCF, College of Medicine. His passions include ultrasound use and development, simulation, and resident wellbeing. He currently resides in Orlando, FL with his wife and two daughters.



Also, we are delighted to welcome Dr. Kendra Amico as Core Faculty. She graduated with her doctor medicine degree from the world-renowned Mayo Medical School in Rochester, Minnesota. From there, she went on to complete her residency at Massachusetts General Hospital, Harvard Affiliated Emergency Medicine Residency (HAEMR) in Boston, Massachusetts. She stayed on for a year as an instructor at Harvard Medical School, prior to joining us at Osceola Regional.



Despite being so early in her career, Dr. Amico has already demonstrated her academic prowess. She completed a Masters degree in public health at the University of Cambridge while still a medical student, and her interest in international health and serving the underserved won her a Global and Humanitarian Health Travel Grant from Partners Healthcare International.

Dr. Amico especially cares about underserved children. At Boston Children's hospital, she undertook a major project on Health Literacy and Emergency Department Discharge Communication, and published a manuscript titled: "Parental Language and Return Visits to the Emergency Department Following Discharge" that was published in Pediatric Emergency Care (2015). Her dedication to underserved children goes well beyond her professional life. At home, she and her husband are foster parents to two little girls, in addition to their own two children, and have been foster parents from the time Dr. Amico was in residency!

Dr. Amico is passionate about education, as she believes that is one of the key ways out of poverty and poor health. To this end, she has designed successful global health curricula that have been presented at the Society for Academic Emergency Medicine, and at the International Health Professionals as Educators meetings in Singapore.

In her new role, Dr. Amico will: design and deliver the pediatric emergency medicine core curriculum to the EM residents; oversee the clinical education of the residents in the pediatric ED and pediatric staffing; participate in all departmental and leadership meetings that pertain to the Pediatric ED; represent the pediatric ED in hospital committees in conjunction with Peds ED director.

UCF Emergency Medicine Pioneers the way for Clinical Research at Osceola Regional

Utility of routine urinalyses in the Emergency Department:

The Osceola Emergency Medicine Residency program has pioneered the way for clinical research. Working with Drs. Bethany Ballinger and Latha Ganti, UCF Medical Student Ambika Anand successfully completed the first clinical database study based at Osceola Regional Medical Center, a UCF IRB approved study that analyzed clinical variables from almost 600 patients presenting to the Osceola Emergency department, and examined which determinants impacted decision making and length of stay.

Prognostic factors in severe sepsis:

Working with Drs. Latha Ganti, Bethany Ballinger and Larissa Dub, Dr. Nicholas Kraemer, EM-1, coded variables within a severe sepsis dataset of over 350 patients to decipher predictors of poor outcome. His work will be pivotal to the future of our sepsis research, which will examine whether any predictor variables are modifiable and thus able to improve outcomes after this serious condition. We thank Deborah Chambliss, RN, sepsis coordinator, for her invaluable assistance with launching this project.

We are grateful to Brain Rosas, privacy officer and Lavina Davis, director of quality for their staunch support of our research endeavors.

EM residents and faculty present at the National meeting of the CORD Advances in Education Research and Innovation Forum



This year the Council of Residency Directors (CORD) national meeting will take place in Fort Lauderdale in April 2017. Our residents and faculty, led by **Dr. Tracy Macintosh**, will be presenting two cutting edge educational innovations which include:

1. Macintosh, Webb, Mack, Lebowitz, Rosario

Integrating off-service residents into the Emergency Department: Optimizing a 2-4 week ED rotation

2. Macintosh, Benzing, Lebowitz, Mack, Walker, Rubero, Ganti, Ballinger.

Using a 3D Virtual Cadaver to Augment Emergency Medicine Procedural Skills Training

EM Faculty Speaking At Regional Events

In addition to the national speaking engagements of our faculty, they are also sought after for regional and local events. This past fall, **Dr. Lebowitz** gave a talk titled: "I Can't Make It Through My Shift With-out..." at the FLORIDA COLLEGE OF EMERGENCY PHYSICIANS (FCEP) Symposium by the Sea in August 2016 and "Double Jeopardy- Pregnancy related emergencies" at the EMLRC Advanced Practice Provider Skills Camp in September 2016. **Dr. Rene Mack** was Chair of the program committee for the conference, and is a member of the Board of Directors of FCEP.



On February 10, 2017, Drs. Ganti and Banerjee will be speaking at the NEUROSCIENCE SYMPOSIUM to be held at Osceola Regional Medical Center on evidence-based management of acute ischemic stroke and wake up strokes, respectively. **Dr. Paul Banerjee** is EMS Director for Polk County, where, under his leadership, several innovations in prehospital stroke care, including the prehospital approach of wake up strokes, are taking place.



UCF EM wins a spot at the Morbidity & Mortality Case Competition at the 23rd Annual AAEM Scientific Assembly

Drs. **Ayanna Walker** and Tracy Macintosh will be presenting their challenging emergency medicine case at the American Academy of Emergency Medicine 23rd annual M&M competition in March, at the Hyatt Regency Orlando.

*Latha Ganti, MD, MS, MBA, FACEP
Research Director,
UCF/HCA GME Consortium Emergency Medicine
Residency Program of Greater Orlando
Professor of Emergency Medicine and Neurology
UCF College of Medicine*



FCEP

On January 26th, we had the visit of Dr. Jay Falk (President) and Ms. Beth Brunner (Executive Director) from the Florida College of Emergency Physician.

We invited them to come during our Thursday Didactic Series. They talked to the residents and Faculty about the activities involved by the FCEP/ACEP/EMRA.

We, also, will participate on the EM Day at Tallahassee, FL. Dr. Rene Mack and EM-1 Dr. Amanda Webb will be representing us.



Dr. Rene Mack, Dr. Jay Falk, and Dr. Bethany Ballinger



Global Health Conference

UCF hosted its 6th annual Global Health Conference “The Effect of Climate Change on the Health of the World’s Most Vulnerable Populations,” in mid-January. The goal of the conference is to create a culture of global responsibility, and specifically an awareness of the health impacts of climate change. Drs. Rosario and MacIntosh were co-leaders of a Mass Casualty Incident simulation, along with Dr. Roka who was the resident facilitator. The event drew approximately 75 participants and volunteers. The simulation provided an opportunity for participants to experience first-hand the urgency and stress of being a first responder on-scene with victims of a local hurricane and multi-vehicle collision.

Participants participated in a brief orientation and overview of the START TRIAGE system. They learned about their roles as first responders and we established guidelines about ensuring a safe learning environment for simulation. Participants then descended on a field of injured “patients” and were responsible for appropriate triage and resource allocation. During the debriefing session, participants reviewed the scenarios, the expectations in triage selection, and discussed the emotions that accompany this type of high-stress simulation.

Feedback from the event has been extremely positive. We will continue to work together with UCFCOM to further strengthen our relationship with medical students and foster a growing interest in Emergency Medicine.



Presidential Inauguration

In January 20, our residency was part of the medical team at the Presidential Inauguration. We were invited by the Washington, D.C. local Disaster Response Team and the George Washington Medical School Emergency Medicine Residency to help them for this event.

"I was pretty excited to take part in the presidential inauguration," said Amanda Webb. "I think it's a very rare opportunity."

During the inauguration, they will administer first aid and medical assistance to anyone who might be hurt while attending the event, acting as first responders.

Adam Benzing is another emergency medicine resident making the trip. He used to work with the disaster team in D.C., and it was this connection that helped the Osceola team get selected.

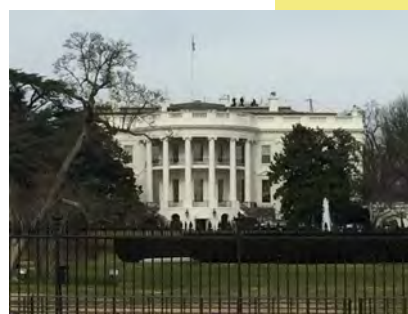
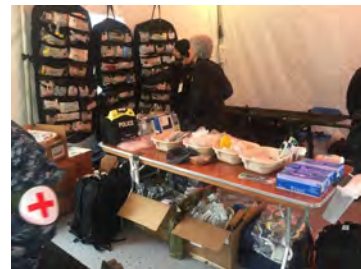
"So we will be working all day long, until the first people come out and until the last people leave, so it will be a long day," Benzing said. "It'll be much colder up in D.C. than it is here, so which is also part of the reason why they're going to need medical assistance. Because it'll be people outside standing for long periods of time and they may not have their medication in the cold weather, and so we need to anticipate that there will be some need for medical help."

And while President-elect Donald Trump has his own medical team, these residents say they're ready to tackle anything.

"We're expecting about one million visitors to this inauguration and we're expecting protesters there as well," said emergency medicine resident Amninder Singh. "And likely there will be medical need and we will be there to provide any emergency medical services."

The team ran a treatment and triage area at the Smithsonian Museum of American History. They help in taking care of a great variety of patients.

Dr. Adam Benzing, Dr. Amanda Webb, and Dr. Amninder Singh were the residents working under the supervision of Dr. Bethany Ballinger and Dr. José Rubero. Also, our coordinator, Michelle Stevenson, attended helping on patient tracking.



Christmas Party

On December 21st, we celebrated our Christmas Party. We had a great time where we enjoyed all together outside the ED setting.

The next day, we presented the residents with Christmas presents and a coffee maker for the resident lounge.



Emergency Medicine Faculty Publications

The emergency medicine faculty has published the following papers in the last 6 months:

1. Management of the Crashing Aortic Stenosis Patient, **Lebowitz, D** <http://www.emdocs.net/management-of-the-crashing-aortic-stenosis-patient>.
2. Funding global emergency medicine research-from seed grants to NIH support. Hansoti B, Levine A, **Ganti L**, et al., Int J Emerg Med. 2016 Dec;9(1):27. PMID: 27757807.
3. Acute Generalized Weakness. **Ganti L**, Rastogi V. Emerg Med Clin North Am. 2016 Nov;34(4):795-809. PMID: 27741989.
4. Awareness of the CDC "Heads Up!" to Youth Sports Campaign among Pediatric Sports Coaches: A Pilot Survey Study. Stead TS, Rastogi V, Hedna VS, **Ganti L**. Cureus. 2016 Aug 29;8(8):e755. PMID: 27733960.
5. Attending Physician Adherence to a 29-Component Central Venous Catheter Bundle Checklist During Simulated Procedures. Barsuk JH, Cohen ER, Nguyen D, Mitra D, O'Hara K, **Okuda Y**, et al., Crit Care Med. 2016 Oct;44(10):1871-81. PMID: 27336437.
6. How accurate is rapid antigen testing for group A streptococcus in children with pharyngitis? **Ganti L & Ballinger B.**, Annals of Emerg Med. 2017; in press.

Numerous publications including books chapters, and case reports are currently under review, by all of our faculty and residents, to be featured in the next issue of our newsletter.

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