

**Brown University  
Department of  
Emergency  
Medicine  
Newsletter**

*Our newsletter is published to provide news & information about Emergency Medicine to the health system, medical school, our alumni and friends.*

**BPI**



**BROWN  
EMERGENCY  
MEDICINE**

|                                    |    |
|------------------------------------|----|
| Anderson EC                        | 3  |
| Admin Appointments                 | 13 |
| APP Program                        | 12 |
| Clinical Integration & Innovation  | 9  |
| Dept EM Awards                     | 10 |
| EDHI                               | 6  |
| Education                          | 15 |
| Faculty Awards                     | 19 |
| Faculty Retreat                    | 2  |
| HCHED                              | 4  |
| Injury Prevention                  | 9  |
| Lifespan Medical Simulation Center | 11 |
| Med. Humanities                    | 18 |
| The Miriam ED                      | 3  |
| New APPs                           | 13 |
| New Faculty                        | 8  |
| New Fellows                        | 16 |
| New Residents                      | 13 |
| Newport ED                         | 5  |
| Pediatric EM                       | 4  |
| PEM Fellowship                     | 4  |
| PEM Special Projects               | 4  |
| Promotions                         | 16 |
| Publications                       | 17 |
| Research Grants                    | 18 |
| Residency                          | 7  |
| Sex & Gender                       | 12 |
| Stroke Center                      | 6  |
| Toxicology                         | 14 |



# Department of Emergency Medicine

**TO PROVIDE EXCEPTIONAL EMERGENCY MEDICAL CARE, EDUCATION, RESEARCH & SERVICE TO THE PEOPLE OF RHODE ISLAND & BEYOND.**

**VOLUME 14, ISSUE 1 SUMMER 2019**



*Jeremiah D. Schuur, MD, MHS*

It is with great excitement that I drafted this first newsletter column as Chair. I trained at the Brown EM residency program from 2001-2005; so, it is a true honor to return. I chose

Brown for residency because of the commitment to provide excellent care for all patients in the community, the dedicated educators, and the opportunities to do research and community advocacy. Returning 14 years later, what I realize is that those aims that brought me to Brown, from the mission of our organization and of our partners at Brown and Lifespan. We are truly a mission-driven organization – which has not changed. This mission has helped Brown EM successfully chart our path in the past and it will be our guide as we enter ever-more turbulent waters.

In my first half-year, I have been amazed by the people at Brown EM – from faculty, to trainees, to our administrative team. It did not surprise me when leaders at Brown and Lifespan commented on what a stellar department we have. But, the sheer breadth and depth of expertise and engagement is stunning. This newsletter contains many of the highlights, but I feel obliged to mention just a few from my first six months. Watching as Dr. Megan Ranney leads the national discussion on how we should address gun violence using a public-health framework and receiving numerous awards and accolades for her work; getting the news that Dr. Tom

## Message from the Chair

Chun and Dr. Jim Linakis were successful in re-applying, so Brown will become a PECARN node again in September; hearing that the Ebola trial in Congo was stopped early because two treatments were highly efficacious, and remembering that Dr. Adam Levine is one of the trial co-investigators; and reading a heart-breaking *ProPublica* investigative report on the failings of the R.I. 911 eCPR program and realizing that the advocacy of Dr. Catherine Cummings, Dr. Joe Lauro and many in the EMS division is leading to meaningful change in our state. Attending SAEM crystalized this as our team had presentations, awards, and didactics that ran to a full five pages.

Like everywhere in the U.S., there is significant change happening from inside and outside the healthcare system here in R.I. I see this as both a challenge and an opportunity. While we were disappointed that recent discussions to form a unified academic medical center between Brown, Lifespan, and Care New England failed, we know that our future success is based on collaboration with our key partners: Brown University, Lifespan, and BPI. As medical care becomes more complex and the need for coordination increases, building meaningful clinical collaborations with our partners is critical. Brown EM, with our 24/7 “do anything” attitude is well positioned to lead such efforts. Similarly, as new opportunities for collaborative research and educational innovation become available, Brown EM will lead.

*continued on page 2*

### Jeremiah Schuur, MD, MHS

Chair, Department of Emergency Medicine, Alpert Medical School, Brown University;  
Frances Weeden Gibson-Edward A. Iannuccilli MD Professor in Emergency Medicine; Professor of Health Services, Policy & Practice, Alpert Medical School, Brown University;  
Physician-in-Chief, Emergency Medicine; Rhode Island, Hasbro Children’s, The Miriam & Newport Hospitals;  
President, Brown Emergency Medicine

## Message from the Chair

*continued from page 1*

So, it is with great excitement that I have re-joined the Brown EM community. Our faculty, trainees, and staff are leading great work and delivering excellent care. To alumni of all ages, please keep in touch. Feel free to write, call, or catch up at a national meeting. Let us know if you will be passing through R.I.

Finally, I want to announce that we will be kicking off a new development campaign this fall to help fund a new

endowed chair for Emergency Medicine Research at Brown. Please don't be surprised when I or others from our team reach out. We hope you will consider contributing to help preserve and grow research here at Brown EM. As the many endeavors reported in this newsletter show, Brown EM is advancing emergency care through research, education, clinical care, and service to R.I. and beyond.☺

## 2019 EM Retreat



The Department of Emergency Medicine held its annual faculty retreat on June 7, 2019. This year's retreat was entitled, "Teachable Moments: Using the ED for Meaningful Community Impact". The retreat had 3 objectives: to be better informed about the Department and its future; to have stronger relationships; and to reaffirm our commitment to take action to an important

public health issue - substance use disorders. The retreat started off with meditation and reflection led by Dr. Laura McPeake. Dr. Jay Schuur gave a 6-month report and our Brown EM Chief Financial Officer, Ned O'Donnell, gave a presentation regarding finances. The retreat had an educational component with Dr. Brian Clyne, Vice Chair of Education, as its facilitator. A group of our best educators gave 5-minute presentations and sat as a panel to discuss their presentations and have a Q&A session. The panel and presenters included: Drs. Christian Arbelaez, Linda Brown, Laura Chapman, Sarah Gaines, Frantz Gibbs, and Steve Rougas. Our guest speaker, Suzanne Duni-Briggs, JD, RN, BSN, formerly from



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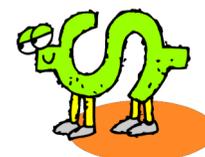
## Resident Scholarly Development Fund

The Resident Scholarly Development Fund provides scholarships for Brown emergency medicine residents to carry out projects or training in the research or education realms. The fund was created in 2009 with an initial \$5,000 donation from Brown Emergency Medicine (Brown EM).

The fund has received great support from past graduates and current faculty. We are again asking our Brown EM faculty members and alumni to help build the Resident Scholarly Development Fund through donations. The strength of any fund raising effort is not just in the amount of contributions, but also in the level of participation of those who care about the cause. Many of you have invested a great deal of time and effort in making the Brown Emergency Medicine residency one of the premier EM residencies in the nation. You can make a financial investment into an EM resident's future.☺

**Your contribution is tax deductible. Please consider sending a check as follows:**  
Brown EM Resident Scholarly Development Fund, Attn: Jeff Clardy,  
Brown Emergency Medicine, 125 Whipple Street, 3rd floor, Providence, RI 02908

**Thank you  
for your  
support!**





David Portelli, MD, Medical Director, AEC, Rhode Island Hospital

We had a rainy, wet a spring this year. The rain put a damper on the start of this year's baseball season. Our ED team functions much like a baseball team. We, as a team, overcame some early year difficulties and working on making great strides in process improvement.

Like a baseball team, the Anderson Emergency Center (AEC) has spent some time during off-season training to get ready for summer. Preparation has been aided with the addition of a new "general manager", Jay Schuur. Additionally, we have several new players joining the team. Some from our own "farm team" and others from outside the residency.

In our off season, we attempted to deal with the burden of inpatient boarding by cohorting these patients in the C pod. This required us to figure out how to best replace that space and deploy our providers. As a result, we have moved fast track to the back hallway of triage, expanded the number of nursing staffed spaces in our vertical care area, and have given the former C Pod provider the herculean task of spreading themselves out over the entire ED looking to where they can be most helpful (ambulance triage, public triage, fast track, D pod, etc).

## Anderson Emergency Center

Without as many inpatients congesting the A/B pods, we have been able to move significantly more patients through and, with more beds in E pod, we have increased our throughput there as well. Congestion and hospital delays still exist, but we are seeing advancements from some of the improvement projects started by the Lifespan-GE Healthcare partnership. Jay Schuur, Gary Bubby and I continue to meet with the hospital and consultants regarding patient flow (out of the ED) and overall hospital efficiency. But, like rebuilding any baseball franchise, these changes will take time and perseverance. In the short term, we are planning on expanding hours in public triage and the vertical care area so as to get to the patients as fast as possible and to maximally utilize our most efficient unit (E pod).

More recently, Jim Monti and I recruited Jeff Feden to the "coaching staff" to replace Alexis Lawrence who joined the Brown EM Quality and Safety "team" after an outstanding 3- year stretch with us.

The last two seasons were a little rough for us, but this year we are going to be swinging for the fences again on behalf of our patients.☺

## The Miriam Hospital ED

Greetings from The Miriam Hospital Emergency Department! Much has changed in the two years since we last "spoke" but more importantly, much has remained the same. The biggest story at TMH ED has been the burgeoning patient volume. On December 31, 2017, Memorial Hospital of Rhode Island in neighboring Pawtucket closed its doors. All of the Providence hospitals were affected but probably none have felt the impact of that closure more so than The Miriam. In 2018, there were over 78,000 visits to our facility. (Just for perspective, that number was just over 68,000 a mere 3 years earlier in 2016!)

We've been busy adapting our environment to meet the needs of our growing population, including the addition of a third overnight attending, the creation of Team 7 (bonus



Ilse Jenouri, MD, Medical Director, TMHED



points for those who know where Team 6 is located) and the addition of a swing shift in triage on our busiest days of the week.

In March, we celebrated the 1-year anniversary of our Clinical Decision Unit (CDU). We cared for over 3,100 people in the first year of this comfortable, private 10-bed unit where patient feedback has been overwhelmingly positive and providers have enjoyed using our expanded protocols to provide safe, efficient and high quality care. In addition to his role as Lead Physician for Observation Services, where he has done a great job, Dr. David Curley moved into the role of Associate Medical Director on March 1st.

*continued on page 14*



**William Lewander, MD**  
Vice Chair, Pediatric EM

## Pediatric EM (PEM) at Hasbro Children's Hospital

It was a long and challenging Winter, but our Summer has been beautiful. We are grateful for the efforts of our entire staff to provide outstanding care during this very busy year. Frank Overly, our Medical Director, will update us on the growing census, and new staff, innovations and renovations in the ED. Elizabeth Jacobs, our PEM Fellowship Director, will touch on the PEM Fellowship's diverse curriculum opportunities and the scholastic achievement of our fellows in this 30th Anniversary year of our fellowship. Susan Duffy, Director of PEM Special Projects, unveils our telemedicine initiative. We have had great success in PEM Research with Tom Chun and Jim Linakis' success in obtaining PE-CARN funding. ☺

### Hasbro Children's Hospital ED

Each time we write a newsletter update, it seems like we are setting a record for Hasbro ED. 2018 was no exception with over 57,500 patients walking through our doors and 2019 appears to be on track to eclipse that number.

Over the past year, we were excited to roll out real time CPR feedback with a CPR coach program for our pediatric resuscitations. We currently gather data in real time on quality of chest compressions and have shown some excellent resuscitations with our teams demonstrating very high-quality CPR. Hasbro ED has been a role model for other areas of the hospital regarding this type of program.

We are now into our 4th year of the Pediatric Emergency Medicine Advanced Practice Provider training program and will be expanding it to three excellent candidates who will start this fall. Katie Smith, FNP, is the Director of the PEMPED

program, she has developed an excellent training curriculum that is producing great PEM APPs, several of who are now part of the Brown EM APP family.

We also welcomed 3 new PEM attendings last Fall, bringing our PEM group up to 27 physicians and 9 APPs. Dr. Stephanie Ruest joined us after completing her PEM fellowship here at Brown, Dr. Alicia Genisca came to us from Texas Children's Hospital and Meghan Beucher completed her PEM fellowship just south of us at Yale. They have all been great additions to the team.

In the next year, we will be renovating our now 25 year old Hasbro ED. We are also creating a new space to assist in seeing the high number of pediatric behavioral health patients coming to us in crisis. ☺

**Frank Overly, MD,**  
Medical Director, HCH ED



**Elizabeth Jacobs, MD**  
Director, PEM Fellowship

### PEM Fellowship

One of the facets the PEM fellowship is most proud of is our scholarly areas of concentration or "tracks". Each track has a clinical, educational, research and administrative component individually tailored to the specific interests of each fellow. Our goal is to maximize learning, develop a niche of expertise and position the fellow for future success with academic emergency medicine. Currently we offer 5 tracks – in point of care ultrasound, medical education, simulation, global health and digital innovation. The tracks are in their 5<sup>th</sup> year and we are graduating our 2<sup>nd</sup> fellow from the POCUS track – Julie Leviter – who has had great success becoming a clinical expert in ultrasound, has developed a curriculum to teach ultrasound to trainees, and has published her research in Annals of EM utilizing ultrasound to assess gastric volume before sedation (in fact 2 of the 5 nominees for best prospective research article nominated by the Academy of Emergency Ultrasound are written by our POCUS track graduates). We also have 2 fellows currently completing the digital innovation track – Laura Mercurio is utilizing predictive analytics and machine learning to better identify pediatric patients at risk for sepsis and Sakina Sojar who is working with bioengineering students to develop a better medical device to assist in accessing in-dwelling ports in pediatric cancer patients. We have welcomed 2 new fellows this summer – Hannah Barber-Doucet and Rebecca Levin – both who share an interest in quality improvement and plan on adding a 6<sup>th</sup> scholarly area of concentration in QI methodology. ☺

### PEM Special Projects

Telemedicine has begun in Emergency Medicine! A pilot initiative involving Lifespan Information Services and Brown EM has brought "on demand" Pediatric Emergency Medicine telemedicine consultation to The Miriam and Newport Hospitals' EDs. Face-to-face consultation between Pediatric Emergency attending physicians at Hasbro Emergency Department and Emergency Providers in community emergency departments will occur in patient treatment areas, using mobile video technology embedded in the EPIC electronic medical record.

This project aligns with the mission of the division of pediatric emergency medicine to enhance the quality of pediatric acute care in the region by providing pediatric expertise to medical colleagues in the community to assist them with the management of acute and urgent conditions in children. The ultimate goal is for children presenting for acute medical problems to receive the right care in all settings. ☺

**Susan Duffy, MD, MPH,**  
Director, PEM Special Projects





**Anthony Napoli, MD**  
Medical Director, NPT ED

It has been a busy last several months for the Newport ED. Last fiscal year we set another all-time census record and just before the holidays we began the construction and renovation of the new emergency department. We rang in the new year with our very own, much beloved Dr. Stengel being voted employee of the year. Meanwhile, Dr. Lauro continues to receive accolades from staff and EMS colleagues throughout Newport County for his dedication to expanding EMS education and medical direction. And, Dr. Pensa has received national attention for her role in digital education.

We have successfully raised almost all of the \$12.5 million required to nearly double the size of the emergency department. This year the Newport Hospital Gala also benefited the new ED. The construction has 5 phases, with the

## Newport Hospital ED

first 2 adding on the new footprint and the final 3 renovating existing space. This Fall, the new ED will have 30 treatment spaces (from 17), 3 triage bays, an expanded waiting room, a behavioral health pod, and a clinical decision unit. Despite the nearly constant construction noise and the maze of barriers, our amazing staff has responded to the needs of the department with true professionalism. Patients are responding to that flexibility and continue to rate the care given by our providers amongst the top in the nation. ☺



## Global EM

The past 6 months have been incredibly busy and productive for our Division of Global Emergency Medicine! November 2018, Rwanda's first class of six emergency physicians graduated from the



University Teaching Hospital – Kigali (UTHK). Our division faculty and fellows have played an integral

role in launching and supporting the EM residency at UTHK, which has led to a 93% reduction in ED mortality and a 43% reduction in hospital mortality at UTHK. We continue to work in collaboration with our Rwandan partners to conduct new emergency care research and training programs.

Our Kenya rural point-of-care ultrasound (PoCUS) program continues to grow as well. This year we are focusing on acquiring low-cost smartphone connected ultrasound machines that combine high quality images with the ability to rapidly transmit images for expert review and feedback. We have



found the use of these devices to be feasible, and image transmission is increasingly achievable due to expanding cell phone networks. We will continue to collaborate with the Ultrasound Division to enhance our PoCUS education and research activities and to bring this essential technology to the frontiers where it is most needed.

**Adam Levine, MD, MPH**  
Director, Global EM



We also began working this past year to develop a new core site in Bogotá, Colombia. A team headed down in January, working on the assessment of barriers to healthcare amongst ex-combatants, providing CPR and basic life support training to staff in Vista Hermosa, a small town outside of the city, and formalizing a relationship with the Universidad Javeriana. At



the end of May, we launched a nationwide survey to assess the baseline emergency medicine knowledge of graduating medical students.

Finally, in Belize, there are no residency-trained emergency medicine specialists. Building on years of in-country capacitation, a collaborative, multi-institution group of providers from Brown Emergency Medicine and the Baylor College of Medicine began training the first in-country teams of instructors in the World Health Organization's Basic Emergency Care Course. These Belizean front-line providers will disseminate the course to all emergency medical providers in the country, providing critical knowledge on how to evaluate and treat basic emergency conditions by 2020. ☺



## Stroke Center



**Tracy Madsen, MD, ScM**  
Director of EM Stroke

### A Productive Year for the Stroke Program

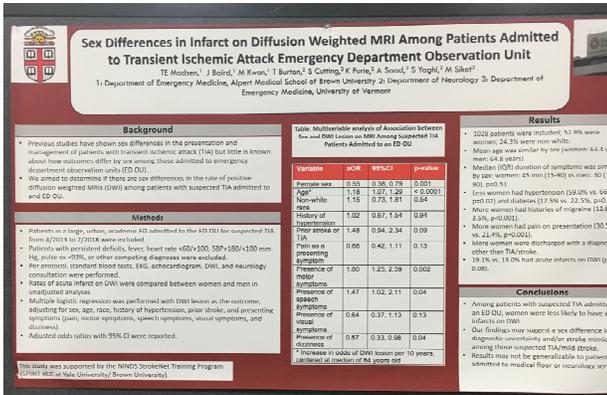
The Department of Emergency Medicine Stroke program has had a very busy year! After 5 years of working hard to build our

stroke program and to ensure excellent care for our stroke patients, Dr. Matt Siket relocated to the University of Vermont to lead the stroke program and to help build their new residency program. He led us through a very successful joint commission visit at the end of his time with us.

Since beginning my new role of ED Director of Acute Stroke services last fall, we have continued to see high volumes of stroke and TIA patients at all of our clinical sites, and our physicians and advanced practice providers have continued to provide excellent care. Changes in the past several months include a streamlining of our code stroke algorithms across sites as well as the opening of the new interventional radiology suite just down the hall from our critical care rooms, an exciting change that will allow us to further optimize treatment times. Finally, legislation around the pre-hospital triage of stroke patients with suspected large vessel occlusion strokes to Rhode Island Hospital has continued to be an area of change for the state as a whole.

In other news, both our department and our institution were well-represented at the International Stroke Conference in Honolulu, Hawaii, where I joined our neurology colleagues in presenting research on a range of topics including sex differences in outcomes after stroke and TIA.

I anticipate another busy year for our Stroke Program.



Stay tuned for upcoming initiatives to further optimize both our code stroke work flow and our tPA times in the coming weeks and months, and thanks for all that you do for our stroke patients. ☺



**Megan Ranney, MD, MPH**  
Director,  
EDHI & EM Special Projects



Over the last year, the EDHI program has grown substantially. We now have two program managers and five full-time staff, all funded by external partnerships! A few of our exciting developments include:

Obtaining a big data pilot grant from Brown's Advance-CTR, to develop a predictive model of opioid overdose and ED recidivism using electronic health record data and machine learning (with Drs. Ranney, Beaudoin & Samuels);

Supporting one of the country's most widely-respected residency blogs [www.browneblog.com](http://www.browneblog.com), under the leadership of Dr. Pensa;

Obtaining a small business technology transfer (STTR) award with a company that uses machine learning to reduce risk of opioid overdose (with Drs. Beaudoin and Ranney);

Completing a grant with the Rhode Island Quality Institute to implement a "first version" of ED Smart Notifications for at-risk adult ED patients;

Hosting 15+ student interns (ranging from undergraduate, to medical school, to Masters, to PhD students);

Partnering with industry to develop innovative "apps" for cyberbullying prevention, and obtaining a foundation grant for the testing of this app;

Completion of a NIH-funded 116-person pilot study of a text-messaging program for violence prevention;

Obtaining an NIH-funded R01 to complete an 800 person trial of this program;

Working closely with the New England Medical Innovation Center (NEMIC) to develop new commercial programming for local entrepreneurs;

Developing collaborations with investigators across Lifespan, Brown University, and Rhode Island;

Speaking at national and international conferences on our creative vision of "digital health for good";

Hosting more than 2 dozen seminars on topics ranging from big data, to commercialization, to intervention development;

Initiating numerous pilot projects to investigate automated triage tools, patient screening, wearable data, social media data, and more!

We always welcome new collaborators and ideas. Please check out our work at [www.brownedhi.org](http://www.brownedhi.org) or reach out to Megan Ranney MD MPH ([megan\\_ranney@brown.edu](mailto:megan_ranney@brown.edu)) with questions or ideas. ☺



Jessica Smith, MD  
Director EM Residency

## EM Residency

As one of the strongest EM Residencies in the country, we are able to recruit the best and the brightest residents, and we owe it to them to invest in their training at every step of the way. There have been many important changes in the ACGME Common Program Requirements that will roll out in the new AY, particularly focused on the learning environment of our trainees, how the faculty and residents work together in the ED, and continued attention on mitigating burnout and improving wellness/resilience. Although we have focused lots of time and energy on our Clinical Operations in the last year, I know we are all looking forward to the pendulum swinging back towards medical education so we can take full advantage of all our faculty expertise as we get additional support from both the ACGME and our own Departmental Leadership at all levels.

### Key New ACGME Mandates for Programs Incorporated in July 2019:

- ✦ Efforts to enhance the meaning that each resident finds in the experience of being a physician;
- ✦ Policies and programs that encourage optimal resident and faculty member well-being;
- ✦ Attention to resident and faculty member burnout, depression, and substance abuse; and
- ✦ Program Leadership authority to approve for, or remove faculty members from, participation at clinical sites and in teaching roles with residents.

We all share the huge responsibility of shaping and molding our trainees who will collectively treat >2 million patients by the time they graduate, and it has been exciting to welcome our new EM residents. As we make plans for Orientation and the new curriculum, please make plans to volunteer to lead a small group, give a didactic, teach in the Sim Center, post on the Blog, take it to the bedside, give pointed feedback, run a Mock Oral case, or flip the classroom. And please remember to check in with your mentees, and make yourselves available to support them

academically and personally. To stay connected, you can also check out Canvas for our Residency Calendar of Events and our cache of teaching modules, and follow us on the EMBlog (BrownEMblog.com) and Twitter (@BrownEMRes)!

Over the years we have gotten recurring feedback about top teaching tips that we'd like to share below.

### **To Go from Good to Great, Here Are The Big 8!**

- 8** - Be a pressure valve and pick up patients primarily;
- 7** - Encourage a cognitive/food/bio break during shift;
- 6** - Get in the rooms quickly, for timely care adjustments;
- 5** - Close the loop and discuss the teaching pearls without micromanaging;
- 4** - Elevate the conversation to the level of the learner (how we talk to interns vs. seniors should be different);
- 3** - Give balanced, specific, real-time, face-to-face feedback (and submit a written eval for the files);
- 2** - Take residents to the bedside and do some direct obs (which increases efficiency); and
- 1** - Most important: Explain WHY/HOW you drew your attending-level conclusions.

### **EM residency contact information:**

Laura Berluti for Program logistics:

[laura.berluti@brownphysicians.org](mailto:laura.berluti@brownphysicians.org);

Jessica Smith for Program concerns/PGY-3s:

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Bob Tubbs for didactics/PGY-2s: [rtubbs@lifespan.org](mailto:rtubbs@lifespan.org);

Jane Preotle for Pediatrics/PGY-4s:

[jane.preotle@gmail.com](mailto:jane.preotle@gmail.com);

Nick Musisca for Wellness/PGY-1s: [musinj6@gmail.com](mailto:musinj6@gmail.com);

EM Chiefs for EM resident staffing concerns:

[erchiefs@gmail.com](mailto:erchiefs@gmail.com); and to reach the residents, use their

listservs: [brownem2023@gmail.com](mailto:brownem2023@gmail.com),

[brownem2022@gmail.com](mailto:brownem2022@gmail.com),

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[brownem2020@gmail.com](mailto:brownem2020@gmail.com), and

[brownem2019@gmail.com](mailto:brownem2019@gmail.com). ☺

### **Special Thanks to Dr. Brian Clyne**

Brown Emergency Medicine wants to thank Dr. Brian Clyne for his time and leadership as Interim Chair & Physician-in-Chief of the Department of Emergency Medicine and Interim President of our EM practice. Dr. Clyne ably led our Department and faculty through the Chair/EM Chief transition from Dr. Brian Zink to Dr. Jay Schuur. Dr. Clyne's outstanding leadership helped to guide our practice through various changes including changing our name from University Emergency Medicine Foundation to Brown Emergency Medicine. Dr. Clyne organized and facilitated our 2018 EM Faculty Retreat focusing on transitions and other timely topics. The Department appreciated his selflessness with his time and professionalism. ☺



### New Emergency Medicine Faculty – 2019

#### Jared Anderson, MD – Assistant Professor of EM, Clinician Educator



July 1, 2019 - Dr. Anderson received his MD from Case Western Reserve University as an Alpha Omega Alpha (AOA) Honor Medical Society member. He completed his EM residency at Harvard Affiliated Beth Israel Deaconess Medical Center (BIDMC) EM Residency Program, where he also completed an Operations Fellowship. Dr. Anderson worked clinically at BIDMC & St. Luke's Hospital. He primarily works clinically at The Miriam Hospital (TMH) ED and the RIH Anderson Emergency Center (AEC). ☺

#### Madalene Boyle, MD – Clinical Instructor, Clinical Track



July 1, 2019 - Dr. Boyle received her MD from SUNY Upstate College of Medicine as an AOA Honor Medical Society member. She completed her EM Residency at the Alpert Medical School of Brown University/Rhode Island Hospital EM Residency Program. Dr. Boyle worked on LifePACT as a critical care transport physician. She primarily works clinically at the Newport Hospital ED. ☺

#### Stephanie Garbern, MD, MPH – Assistant Professor of EM



September 1, 2019 – Dr. Garbern received her MD from Albert Einstein College of Medicine of Yeshiva University. She received her MPH from the Harvard Chan School of Public Health. She completed her EM Residency program at the Harvard affiliated Beth Israel Deaconess Medical Center. Dr. Garbern completed a Global EM fellowship in the Department of EM at the Alpert Medical School of Brown University. She primarily works at the AEC and TMH ED. ☺

#### James Giddings, MD – Clinical Instructor, Clinical Track



July 1, 2019 - Dr. Giddings graduated from Tulane University School of Medicine. He completed the University of Connecticut Integrated Residency in EM as a Chief Resident. Previously, Dr. Giddings was an EM attending and Director of Quality Assurance at Beth Israel Deaconess Jordan Hospital, Plymouth, MA. He works clinically in the Newport Hospital ED. ☺

#### Amy Matson, MD – Assistant Professor of EM, Clinician Educator



July 1, 2019 - Dr. Matson graduated from Georgetown University School of Medicine as an AOA Honor Society member. She completed her EM Residency at the Alpert Medical School of Brown University as a Chief resident. She works clinically primarily at Anderson Emergency Center at RIH and The Miriam Hospital Emergency Department. ☺

#### Rory Merritt, MD, MeHP- Assistant Professor of EM



July 1, 2019 - Dr. Merritt received his MD from the Alpert Medical School of Brown University. He completed his EM residency at George Washington University Department of Emergency Medicine. He completed a fellowship in Medical Education Research here in the Department of EM at the Alpert Medical School of Brown University. Dr. Merritt completed a masters of education in the health professions from Johns Hopkins University. He is the Assistant Dean of Medicine in Liberal Medical Education at the AMS. He is the Assistant Director of Medical Education. He works primarily at AEC/RIH & TMHED. ☺

#### Gianna Petrone, DO – Assistant Professor of EM, Clinician Educator



August 5, 2019 - Dr. Petrone graduated from the University of New England College of Osteopathic Medicine. She completed her EM residency as a Chief Resident from Kent County Memorial Hospital/ U of NE residency program. She completed a fellowship in medical simulation here in the Department of EM at AMS. Dr. Petrone works clinically at AEC, TMHED & the Newport ED. She works with medical simulation. ☺



**Michael J. Mello, MD, MPH**  
Director, Injury Prevention Center

Community outreach of the Injury Prevention Center is off to a busy start in 2019 with the 4-Safety van making appearances at health fairs, community safety days and parades. At these events we distributed injury prevention education covering a wide variety of topics such as bicycle safety, pedestrian safety and toy safety. The IPC's second van, our Seats 4 Safety van, has also been traveling all around Rhode Island and Southeastern Massachusetts. So far in 2019 we have checked well over 240 car seat installations and conducted 15 car seat check events. Our summer calendar has been packed with over 20 family oriented and fun-filled events, come find us and say hello! <https://www.lifespan.org/centers-services/4-safety-program/4-safety-events-calendar>.

In February, we released our IPC 2018 Annual Report, which was our 20th edition! In our 20+ years of providing community service, we have accomplished the following: over 17,500 car seat checks; over 20 child passenger safety instructors trained; real-world ED experience for court referred youth; attendance at countless community events; 2 community playgrounds built; around 500 child passenger safety technicians trained; 1 sports field renovation; countless bike helmets & home safety kits distributed to families; educational programs provided to schools, community centers, daycares, etc; and over 11,000 car seats provided to low income families. Besides our community outreach, 2018 was a banner year in IPC research.

## Injury Prevention Center

The community outreach team, Dina, Andrea and Leah, have also been busy giving injury prevention focused presentations to a variety of audiences including both staff and parents at Children's Friend locations, Brown University faculty and staff, Bradley Hospital staff and many others. Additionally, we just finished our first child passenger safety technician certification course of 2019. At this training, we were able to certify 20 new technicians. The class included individuals from RI law enforcement, Women & Infants Hospital, Children's Friend, Rhode Island Department of Health and the Rhode Island School for the Deaf. We were able to obtain grant funding from General Motors which allowed us to support the cost of training for five individuals from organizations that serve vulnerable communities. We have two additional child passenger safety certification training scheduled later this year to continue to educate our injury prevention partners.

Finally, the IPC has been busy making media appearances. We have made seven earned media appearances to date including a joint appearance with the burn service describing a case of a teenager who sustained a full thickness burn from sleeping on a cell phone charging cube, a local television news stories on child passenger safety with ride share vehicles, preventing accidental poisonings and vehicular heatstroke. We continue to seek out media coverage to help disseminate important injury prevention messages and welcome other faculty interested in providing their expertise for media interviews to contact us. ☺



**Gary Bubly, MD**  
Vice Chair, Clinical Integration & Innovation

We are in a truly unique space in our contracting efforts with the insurers. Our negotiations team has been able to develop value-based contracts for our emergency medicine services that are favorable for us and help incentivize better care, aligning with national goals to switch to "value over volume." We are on the leading edge of that transition, and the only group in Rhode Island exploring that space in EM. In one example, we recently signed a 4-year deal with one of the major commercial insurers that incorporated rate increases contingent upon care coordination with an ACO, as well as routine feedback to providers on their utilization of advanced imaging intended to reduce variation.

One very interesting innovation and collaboration with the payers has evolved through BCBSRI's "Medical Expense Trend" Competition. This was essentially a "Shark Tank" type of competition in which providers were invited to pitch their

## Clinical Integration and Innovation

ideas on how to reduce the overall healthcare spend to BCBSRI leadership. Two of our providers presented—Drs. Bryan Choi and Elizabeth Goldberg—and remarkably blew away some very impressive competition. Bryan took first place for his presentation on Mobile Integrated Health. Liz took second place for her Geriatric EMR Prescribing Module. BCBSRI is directly funding these projects and substantially underwriting a portion of our faculty time. This new type of relationship is likely to grow as we continue to evolve this collaboration and pursue similar funding opportunities with the other insurers. So, if you have a project in the pipeline, reach out to me.

Finally, Anthony Napoli and I are recruiting for our Fellowship in Emergency Medicine Leadership and Administration. The Fellowship offers 1- or 2-year tracks that include an advanced degree in the 2-year track with the option of either an MPH from Brown or an MBA from Bryant. ☺

## Brown EM/ Department of Emergency Medicine—2018 Departmental Awards

In the Fall of 2018, the following people were recognized for their outstanding service & contributions to Brown EM and the Department of EM.

**Brian J. Zink, MD Outstanding Leadership in Emergency Medicine Award** - BRIAN CLYNE, MD, MHL - This award recognizes a faculty member who has provided extraordinary leadership contributions that advance the excellence of the Department of EM. The award is given to a faculty member who has demonstrated exceptional abilities to lead, serve, inspire and collaborate with broad impact.

**Outstanding Investigator Award** - LISA MERCK, MD, MPH - This award recognizes the significant research accomplishments of a faculty member who helped advance the research mission of Brown and of the specialty of EM.

**Technology Innovation Award** - GITA PENSA, MD - This award recognizes a faculty member, fellow or resident physician who solved a clinical or process problem locally, nationally or internationally, and enhanced care rendered by emergency medicine physicians or nurses.

**Michael Mello, MD, MPH Outstanding Research Mentor Award** - FRANCESCA BEAUDOIN, MD, MS, PhD - This award recognizes a faculty member and researcher who has served as an exceptional mentor and advisor to research trainees.

**James Linakis, MD, PhD Outstanding Pediatric Emergency Medicine Research Mentor Award** - THOMAS CHUN, MD, MPH - This award recognizes a pediatric EM physician faculty member who has advanced the field of PEM research and has been an exceptional mentor.

**Gregory Jay, MD, PhD Research Impact Award** - MEGAN RANNEY, MD, MPH - This award recognizes the faculty member who has substantial contributions to scientific literature as measured by the H index, considering research impact over time.

**Outstanding Didactic Presentation Awards** - NICHOLAS ASSELIN, DO, MS & NADINE HIMELFARB, MD - This award recognizes an exceptional didactic session, lecture, workshop, or seminar that was delivered to EM residents or at a national meeting.

**Excellence in Clinical Teaching Awards** - ALEXIS LAWRENCE, MD - This award recognizes consistently valuable bedside teaching, clinical mentoring, and leadership in the emergency department clinical setting, and modeling of professional behavior.

**Outstanding Contribution to Education Award** - CHRISTOPHER MERRITT, MD, MPH - This award recognizes the faculty member who has demonstrated an outstanding commitment to residency or fellowship education.

**Innovation in Education Awards** - NICHOLAS MUSISCA, MD, MA & JAY BARUCH, MD - This award recognizes the faculty member who has demonstrated innovative and effective new approaches to EM education.

**Excellence in Medical Student Education Award** - SHIRLEY WU, MD - This award recognizes a faculty member's high-quality contributions to medical student education in advancing the specialty of EM.

**Jacek Franaszek Exemplary Educator Award** - JAMES LINAKIS, MD, PHD - This award recognizes a faculty member who exemplifies the highest standards and quality as a medical educator, and has made a substantial impact in EM education at all levels.

**Clinical Director's Awards** - This award recognizes a faculty member who is fundamental to the successful functioning of the Emergency Department and is a professional role model throughout the hospital community.

***Rhode Island Hospital, Anderson Emergency Center (RIH AEC)*** - SHIDEH SHAFIE, MD, MSc;

***Hasbro Children's Hospital Emergency Department (HCHED)*** - MARK ZONFRILLO, MD, MSCE;

***Newport Hospital Emergency Department (NPTED)*** - DAVID LINDQUIST, MD;

***The Miriam Hospital Emergency Department (TMHED)***- PATRICK SULLIVAN, MD.

**Clinical Excellence Awards** - This award recognizes leadership, teamwork, great work on a particular case or in a particular clinical situation, clinical efficiency and throughput, ethics, volunteerism and communication.

***RIH, AEC*** - THOMAS GERMANO, MD; ***HCHED*** - ROBYN WING, MD, MPH;

***NPTED*** - DINA GOZMAN, MD; ***TMHED*** - LYNN SWEENEY, MD.

**Brown EM Foundation Leadership Award** - ILSE JENOURI, MD, MBA & MATTHEW KOPP, MD, CPC - This award recognizes the Brown EM physician or administrator who has led positive changes to advance the Department.

*Continued on page 15*

## Lifespan Medical Simulation Center



Linda Brown, MD, MSCE  
Director, LMSC

The Lifespan Medical Simulation Center, under the Direction of Linda Brown, MD, MSCE, has seen continued growth over the past year. Most recently, we have significantly increased the number of RI EMS programs utilizing the center



for training, work led by Paul DeCerbo MS, NR-P, Dr. Tanya Baca, and Dr. Linda Brown.

While developing expertise in simulation, she made valuable contributions to our resident, medical student, and communication training programs. We are excited that she joined our faculty group this summer.

The simulation research team (led by Dr. Leo Kobayashi, Director of Research and Innovation) has published peer-reviewed manuscripts and presented at international conferences on EMS, pediatric, and procedural simulation.



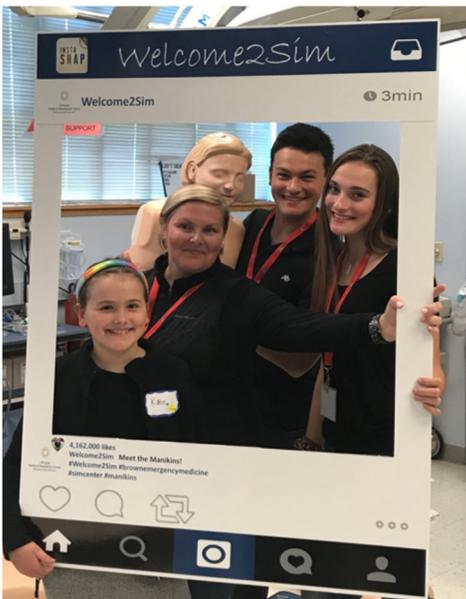
Dr. Robyn Wing (Director of Pediatric Simulation) has continued her work training residents and PEM fellows, while Dr. David Lindquist has been busy overseeing simulation-based team training for providers at Newport Hospital. Dr. Andrew Musits (Director of EM Resident Simulation and Simulation Fellowship Director) has worked to overhaul the Wednesday

resident simulation curriculum with a focus on high yield cases, task training, and meaningful feedback. These resident training efforts would not be possible without the active involvement from many diverse faculty and divisions, including PEM and Ultrasound.

Two recent highlights from the Simulation Center include "Take our Daughters and Sons to Work Day" in April 2019, when we welcomed Brown EM faculty, staff and their children to "Meet the Manikin" and to participate in the "CPR Challenge".



A multi-site disaster drill was also run at the Anderson and Miriam EDs in May of 2019. This simulated disaster, led by Dr. Nicholas Musisca and supported by many other EM faculty, allowed residents, nurses and disaster preparedness experts to practice for an actual disaster. ©





Alyson McGregor, MD, MA  
Director, Sex & Gender in EM

## Division of Sex & Gender

The Division of SGEM continues its national outreach through advocacy for sex and gender integration within research and health professions education. Dr. Alyson McGregor has been a leader in planning the national Sex and Gender Health Education Summit, of which the third one will take place at Thomas Jefferson University in September 2020. Dr. McGregor has also been invited to serve on the National Institutes of Health Advisory Council for the Office of Research on Women's Health and elected Councilor for the Organization for the Study of Sex Differences. She is also Co-Chair for the first annual RI based Summit that will take place March 2020 entitled, *"Sex and Gender, Medical Research, and Our Community: Redefining Women's Health in Rhode Island"*.

Dr. Tracy Madsen was named the ED Director of Acute Stroke Services for Lifespan Hospitals. She presented at StrokeNet regional meeting along with multiple presentations at International Stroke Conference in Hawaii. Dr. Madsen recently published an article, *"Sex and Race Differences in the Association of Incident Ischemic Stroke With Risk Factors"* in JAMA Neurology and will be welcomed as a speaker for the upcoming FemInEm FIX19 Conference in New York City this Fall.

Dr. Taneisha Wilson joined the SGEM Division after the completion of BEM Research Fellowship with a ScM degree at Brown University. She recently led a SAEM joint

didactic with the SGEM Interest Group and ADIEM titled *"Strategies for Increasing Diversity and Inclusion in EM: Finding Solutions to Recruitment and Retention Through Synergistic Models"*.

Dr. Rebecca Barron, the SGEM Education Director, had accepted a position as an attending physician at Portsmouth Regional Hospital and is the chair of the Sexually Transmitted Infection Testing subcommittee for ACEP's Public Health and Injury Prevention Committee. She continues to work toward improving sexual assault care in emergency department settings.

Dr. Angela Jarman, a recent graduate of the SGEM Fellowship, accepted a faculty position at UC Davis Health where she is continuing her work of SGEM education program development and research. She recently presented the topic *"Are Women a Vulnerable Population? Sex & Gender as Health Disparities in the Emergency Department"* at ANJSERs and published *"When the Female Heart Stops: Sex & Gender Differences in Out of Hospital Cardiac Arrest Epidemiology and Resuscitation"* in the journal *Clinical Therapeutics*.

The SGEM Division welcomes collaborators in our educational elective programs. If you have interest in our Fellowship program or participating in the national or local upcoming Summits, please contact us at [sgem@lifespan.org](mailto:sgem@lifespan.org). ☺

## Advanced Practice Provider Program (APP)

The APP group for Brown Emergency Medicine has experienced a great deal of challenges and changes since the last newsletter. The group is accustomed to change in the clinical environment here at the Anderson Emergency Center and this now includes The Miriam Hospital ED with the addition of the CDU and Newport ED with renovations. Over the last couple years, we have seen the hospital capacity issues effect our operations in the ED. This has forced our APP group to become a flexible bunch. With the transition of C Pod to inpatient holding, we have seen the group work in the ASC in basement of COOP, moved Fast Track out to Public Triage, work out of G Pod and increase numbers of patients going to the Vertical Area. All these challenges have, as always, been met with an overall professional and positive attitude of the APP group.

Throughout this time, we have also seen some provider movement. Our most recent additions have included Melynda Craig, Erica Annunziata, and Cari Lynn Azevedo. Soon to be joining us are Tina Chadwick, Natalie Chadwick,

James Monti, MD -  
Associate Med Director, AEC & Director, APP Program



Carla Quadros, and all 3 of our current EMPED APPs including Garrett Gaillard, Kurt Futral, and Jessica Chabot. The upcoming EMPED class for 2019-2020 is an outstanding group. We have 4 new graduate providers, Jennifer Ward, Jacelyn Reis, Michael Brickley, and Camille Clancy who will be joining us this fall as our new EMPEDs. We welcome all of them to such an outstanding group of professionals.

We are sad to see some of our current providers leave our group including Allison Jackson, Liz Welch, Alex Costa, Jennifer Bento, Caleigh Skogg, and Kara Livas. The decisions of these providers to leave were based on family and lifestyle balances. Emergency Medicine, as we all are aware, can be a difficult profession to manage with our 24/7 schedules. We wish all these providers the best in their future personal and professional endeavors.

We also had some extremely sad news. Earlier this year, we lost one of our current APPs, Christine Pierce, to cancer.

*continued on page 19*

**EM Residency Program Class of 2023 for the Alpert Medical School, Brown University  
Rhode Island, Hasbro Children's, The Miriam, & Newport Hospitals**



**Hannah Chason**  
Wake Forest University  
School of Medicine



**Giovanna Deluca**  
State University of NY  
Upstate Medical University



**Stephanie Hess**  
University of Maryland  
School of Medicine



**Meredith Horton**  
New York University  
School of Medicine



**Brendan Innes**  
University of Mass  
Medical School



**Anita Knopov**  
Boston University  
School of Medicine



**Derek Lubetkin**  
Tufts University  
School of Medicine



**Katie Miller**  
Albany Medical College



**Michelle Myles**  
Tufts University  
School of Medicine



**Sean Reid**  
University of Mass  
Medical School



**James Tanch**  
Alpert Medical School  
Brown University



**Michael Tcheyan**  
U of Texas School of Medicine  
at San Antonio



**Camila Tyminski**  
Boston University  
School of Medicine

**New APPs for 2019**

Melynda Craig, PA 3/1/19  
Cari Azevedo, PA 4/1/19  
Erica Annunziata, NP 4/1/19  
Tina Chadwick, PA 6/4/19  
Natalie Chadwick, PA 7/11/2019  
Christopher Cureton, NP 10/1/2019

**2018-2019 EMPED Class:**

Jessica Chabot, PA 7/1/2019  
Kurt Futral, PA 7/1/2019  
Garrett Gaillard, NP 7/1/2019

**New Hires CDU:**

Carla Quadros, NP 7/10/19  
Geeta Abraham, NP 10/1/2019

**2019-2020 EMPED Class:**

Michael Brickley, PA 9/1/2019  
Jacelyn Reis, PA 9/1/2019  
Jen Ward, NP 9/1/2019

**Recent EM Administrative Appointments - 2018-2019**

**Lauren Allister, MD** - Associate Director Pediatric Emergency Medicine Fellowship  
**Adam Aluisio, MD, MSc** - Global Emergency Medicine Fellowship Associate Director  
**David Curley, MD, PhD** - Associate Medical Director, The Miriam Hospital Emergency Department  
**Jeffrey Feden, MD** - Assistant Medical Director, Rhode Island Hospital, Anderson Emergency Center  
**Rachel Fowler, MD, MPH** - Director of Emergency Medicine Medical Student Education  
**Naz Karim, MD, MSc, MHA, MPH** - Global EM Fellowship Director  
**Alexis Lawrence, MD** - Director, Emergency Medicine Quality & Patient Safety  
**Adam Levine, MD, MPH** - Director, Division of Global Emergency Medicine  
**Tracy Madsen, MD, ScM** - EM Stroke Director; Co-Director, Primary Stroke Center at The Miriam Hospital; Associate Medical Director of the Comprehensive Stroke Center, Rhode Island Hospital  
**Rory Merritt, MD, MeHP** - Assistant Director, EM Medical Student Education  
**Nicholas Musisca, MD, MA** - Assistant Emergency Medicine Residency Program Director  
**Andrew Musits, MD, MS** - Director, Medical Simulation Fellowship©



**Jason Hack, MD**  
Director of Toxicology

## EM Toxicology

The Division of Medical Toxicology has had another very busy Academic Year.

Here is an accounting of our recent achievements together over the past 12 Months:

In the 2018-2019 academic year, 13 residents and an Addiction Medicine Fellow have rotated with us for a total of 20 weeks of toxicology teaching! We have contributed 15 topics to the EM residency educational offerings and intern orientation. The residents and topics presented have included: - Dr. Barthman - suboxone; Dr. Pearson - vaping; Dr. Moran-Guiati - methb; Dr. Murray - lidocaine; Dr. Barry - tres pacitos; Dr. Goldman - amanita; Dr. Coleman - copper; Dr. Kaine - Colors of Toxicology; Dr. Beck- mercury; Dr. Lash - antibuse; Dr. LoConte - HS and asphyxiants, suicide; and Dr. Ledoux - expanding the Tox DDX of "intoxication". We have also added Toxicology Simulation Topics to the mix, including calcium channel blocker overdose; iron ingestion; and a GI decontamination/gastric lavage workshop.

We have published 3 *Toxic Natters*. Each of these were distributed to academic centers across the country--from RI to South Carolina, to California and Washington State!

We have supported the EM residency's Blog postings.

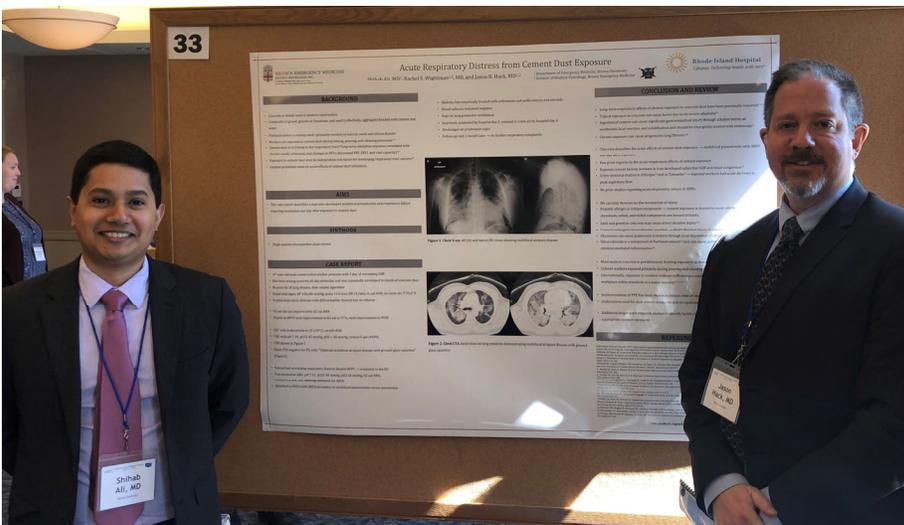
We presented a case report poster at NERDS and are currently working on several other resident driven publications (*see picture of Dr. Ali and his poster at NERDs on the right*).

Rachel Wightman was an invited lecturer at NYC Poison Control Center/NYU School of Medicine Toxicology March Course. She is creating and delivering core-content pharmacology lectures at Alpert Medical School and lectured to Brown undergraduates on opioids and emerging patterns of drug use. She published two chapters "Caustics" and "Hemodynamic Principles" in *Goldfrank's Toxicologic Emergencies, 11<sup>th</sup> Ed*. She devel-

oped and led three medical toxicology case simulations and lectured at EM Wednesday conference on ED Management of Caustic Ingestions. This Fall, Dr. Wightman passed her qualifying exam and became a Board Certified Medical Toxicologist.

Dr. Hack has been an invited lecturer at the University of Rhode Island School of Pharmacy, Bryant University, and Johnson & Wales. His continuing activities include: Director Division of Medical Toxicology, Core faculty member for the Addiction Medicine Fellowship Lifespan, Tox Section Leader—Rhode Island ACEP, Secretary for Toxicology Section—National ACEP, Co-Editor for ACEP Toxicology Section Antidote App, Consulting Editor for Clinical Therapeutics on Emergency Medicine. He writes a recurring column in the national publication ACEPNow on Tox Q&A. He is just finished data acquisition phase on a novel pain assessment tool and is currently writing a HII score App and has submitted a utility study.

Dr. Hack has created and presented two educational photography exhibits that has been displayed at galleries and public venues around RI including the Brown medical school and the Audubon center. The theme of one is Alcohol Impaired Driving and the other displays Poisonous Flowers. ☺



*continued from page 3*

## The Miriam Hospital ED

This past academic year brought with it an increase in the presence of EM residents and PEM fellows and we are thrilled to have more learners in our reach clinical environment. The EM research program has grown as well and now includes full-time research assistants based at TMH and an EM research office. There is no shortage of patients or pathology at TMH!

Despite all this change, one thing remains constant in The Miriam Hospital Emergency Department and that is the culture of caring and collaboration. This culture is at the core of what we do everyday and is the key ingredient to our success! ☺



**Brian Clyne, MD**  
Vice Chair, EM Education

## Section of EM Education

Brown Emergency Medicine is nationally recognized for high quality medical education, with sought-after student electives, a competitive residency program, an SAEM-approved medical education fellowship, and many award-winning faculty with advanced education degrees. However, we know that our value and visibility could be enhanced through increased scholarly productivity. Medical educators often focus more on fulfilling their day-to-day teaching activities than on studying their teaching methods or learner outcomes.

With this in mind, the Brown EM Education Section was formed to help educators overcome the common barriers to generating scholarship.

The purpose of the Education Section is to promote collaborative education-based scholarship—broadly defined to include workshops, didactics, and research—that yield peer-reviewed publications. The key word is collaborative. Teams of Education Section faculty are formed based on common interest in high potential projects. Each team has a leader and 3-5 collaborators with well-defined roles. In addition to traditional research, the group has identified five core areas where routine teaching activities can be translated into scholarship. They include: individual teaching modules (clinical or didactic); curriculum development; advising and mentoring; learner assessments; and educational leadership and administration.

To facilitate team success, the Section developed a project management tracker and offers support for study design and statistical analysis. If you have an idea for an education project, please consider joining us. The Education Section meets monthly to pitch ideas, identify projects, share resources, plan submissions for upcoming conferences, and create space for scholarly writing. We welcome anyone interested in education and shared academic success!☺

### BROWN EM - SAEM19 AWARDEES

**Brian Clyne, MD, MHL**, Associate Professor & Vice Chair of Emergency Medicine Education of the Lifespan/Alpert Medical School of Brown University's Department of Emergency Medicine was selected as the 2019 recipient of the Society for Academic Emergency Medicine's (SAEM) *Hal Jayne Excellence in Education Award*. This award distinguishes a SAEM member for their extraordinary contributions to emergency medicine through teaching others and the improvement of teaching.



**Christian Arbelaez, MD, MPH**, Associate Professor & Vice Chair of Academic Affairs at Brown Emergency Medicine was selected as the 2019 recipient of the Society for Academic Emergency Medicine's (SAEM) *Marcus L. Martin Leadership in Diversity and Inclusion Award*. This award distinguishes a SAEM member for their extraordinary leadership contributions to the advancement of Diversity and Inclusion in emergency medicine. Dr. Arbelaez has had a remarkable career that has been centered and committed to diversity, inclusion, and equity of students, trainees, and faculty for the last 15 years. He was also the recipient of the SAEM Academy for Diversity and Inclusion in Emergency Medicine Scholarship for the prestigious



Association of Academic Chairs of Emergency Medicine's Chair Development Program. Drs. Clyne and Arbelaez received these awards at SAEM19 in May 2019 in Las Vegas. ☺

### EM Dept Awards *Continued from page 10*

**Community Impact Award** - **CATHERINE CUMMINGS, MD & ELIZABETH GOLDBERG, MD, SCM** - This award recognizes the Department member or resident physician whose work has substantially benefitted our local community.

**Global Health Impact Award** - **NOAH ROSENBERG, MD & GRACE WANJIKU, MD, MPH** - This award recognizes the EM member or resident physician whose work has substantially benefitted the Global community.

**Outstanding Contribution to Clinical Service**- **DAVID CURLEY, MD, PHD & FRANK OVERLY, MD** - This award recognizes a member of the group who has had an impact in improving clinical care at all the sites.

**Rising Star Faculty Award** - **LAUREN ALLISTER, MD & ANDREW MUSITS, MD, MS** - This award recognizes a new faculty member who has made their presence known in a several areas in our group.

**Rising Star Fellow Award** - **RORY MERRITT, MD, MEHP** - This award recognizes a fellow who had an impact beyond the obligations of their fellowship.

**Outstanding Advanced Practice Provider**- **KATHRYN SMITH, PA & ED GODBOUT, PA-C** This award recognizes an APP who has demonstrated excellence in either leadership, service, clinical care or education.☺

**New Emergency Medicine Fellows –July 2019**



**Hannah Barber-Doucet, MD, MPH –  
Pediatric EM**

Dr. Barber-Doucet received her MD from SUNY Downstate College of Medicine. She received her MPH from SUNY Downstate in Community Health. Dr. Barber-Doucet completed the Combined Residency Program in Pediatrics at the Boston Medical Center. ☺



**Zachary Binder, MD –  
Emergency Ultrasound**

Dr. Binder graduated from Tufts University School of Medicine. He did his residency in Pediatrics at New York University Medical School. He completed a fellowship in Pediatric EM at Boston Medical Center. ☺



**Rebecca Levine, MD – Pediatric EM**

Dr. Levine graduated from Boston University School of Medicine. She completed her Pediatric Residency at the University of Chicago Comer's Children's Hospital. ☺



**Kelly Meehan-Coussee, MD –  
Emergency Medical Services**

Dr. Meehan-Coussee graduated from the University of New Mexico School of Medicine. She completed her EM Residency at the Maine Medical Center. ☺



**Sonja Naganathan, MD, MSBS –  
Global EM**

Dr. Naganathan received her MD at The University of Toledo College of Medicine & Life Sciences. She received her MSBS from the U of Toledo College of Graduate Studies. She completed her EM Residency at the Washington University School of Medicine. ☺



**Scott Pasichow, MD, MPH –  
Emergency Medical Services**

Dr. Pasichow received his medical degree at the Rutgers State University of New Jersey. He received his masters in public health at the Rutgers School of Public Health. He completed his EM Residency here at Brown/Rhode Island Hospital. ☺

**Alpert Medical School,  
Brown University**

**Promotions Effective 7/1/19; Rank & Track**

- Geoffrey Capraro, MD, MPH** - Associate Professor, Clinician Educator
- Catherine Cummings, MD** - Clinical Professor, Clinical
- Elizabeth Goldberg, MD, ScM** - Associate Professor, Teaching Scholar
- Joseph Lauro, MD** - Clinical Associate Professor, Clinical
- Christopher Merritt, MD, MPH** - Associate Professor, Teaching Scholar
- Frank Overly, MD** - Professor, Teaching Scholar
- Gita Pensa, MD** - Associate Professor, Clinician Educator
- Lynn Sweeney, MD** - Clinical Associate Professor, Clinical

**Congratulations to  
Linda Brown,  
MD, MSCE**

Dr. Brown was named as the *SAEM Simulation Academy's Distinguished Educator* for 2019 for her excellence in teaching, scholarship & mentorship. Dr. Brown received this award at SAEM19 in Las Vegas. ☺



**Brown EM CFO - Ned O'Donnell**

Brown EM welcomed Edward O'Donnell, CPA, CGMA, MBA as Chief Operating Officer in December 2018. He graduated from Providence College and received a Master of Business Administration from Boston University.



Ned came to Brown EM from Banneker Industries, Inc as CFO & Executive Manager of Business Support. Prior to Banneker, he was Vice President, Finance & Corporate Controller at Teknor Apex Company. He was at Teknor for 18 years holding various finance leadership positions. He is a lecturer in Business Strategy and Business Ethics at Providence College. ☺

**Congratulations to the Rhode Island Monthly  
2019 "Top Docs" in EM**



- Gary Bubby**
- Deirdre Fearon**
- Ilse Jenouri**
- Elizabeth Nestor**
- David Portelli,**
- Megan Ranney**
- Charles Stengel**

## 2019 Brown EM Faculty Peer-Reviewed Publications (1st or 2nd author only)

- Ahn S, **Mello M**, **Baird J**, et al. ED Patients are Receptive to Prayer-Based Interventions to Reduce Alcohol Use. *J Relig Health*. epub 2019 17 Feb. 10.1007/s10943-019-00779-w.
- Aluisio AR**, Barry MA, Martin KD, Mbanjumucyo G, Mutabazi ZA, **Karim N**, Moresky RT, D'Arc Nyinawankusi J, Claude Byiringiro J, **Levine AC**. Impact of EM training implementation on mortality outcomes in Kigali, Rwanda: An interrupted time-series study. *Afr J Emerg Med*. 2019 Mar;9(1):14-20.
- Aluisio AR**, Yam D, Peters JL, Cho DK, Perera SM, Kennedy SB, Massaquoi M, Sahr F, Smit MA, Liu T, **Levine AC**. Impact of Intravenous Fluid Therapy on Survival Among Patients with Ebola Virus Disease: An International Multisite Retrospective Cohort Study. *Clin Infect Dis*. epub 2019 06 May. 10.1093/cid/ciz344.
- Amanullah S**, Gjelsvik A, et al. Intoxication & Flame Burn Injuries in Young Adults in the US. *J Burn Care Res*. epub 2019 06 May. 10.1093/jbcr/irz052.
- Beauchamp GA, **McGregor AJ**, et al. Incorporating Sex & Gender into Culturally Competent Simulation in Medical Education. *J Womens Health (Larchmt)*. epub 2019 03 Jan. 10.1089/jwh.2018.7271.
- Betz ME, **Ranney ML**, Knoepke CE, et al. Dementia & Firearms: an Exploratory Survey of Caregiver Needs. *J Gen Intern Med*. epub 2019 15 Jun. 10.1007/s11606-019-05089-1.
- Boardman TJ, **Musisca NJ**. Recurrent Appendicitis Caused by a Retained Appendiceal Tip: A Case Report. *J Emerg Med*. epub 2019 9 Jun. 10.1016/j.jemermed.2019.03.044.
- Chun TH**, Chernick LS, Ahmad FA, **Ranney ML**, Sheno RP, Casper TC, Fein JA, Grupp-Phelan J, McAninch B, Powell EC, **Bromberg JR**, **Linakis JG**, Spirito A. Adolescent Substance Abuse Risk: A Comparison of Pediatric Emergency Care Applied Research Network ED Patients & 2 Nationally Representative Samples. *Pediatr Emerg Care*. epub 2019 21 Mar. 10.1097/pec.0000000000001763.
- Chun TH**, **Duffy SJ**, Grupp-Phelan J. The Increasing Burden of Psychiatric Emergencies: A Call to Action. *Pediatrics*. epub 2019 20 Mar.10.1542/peds.2019-0251.
- Goldberg EM**, **Wilson T**, et al. ED-Provided Home Blood Pressure Devices Can Help Detect Undiagnosed Hypertension. *High Blood Press Cardiovasc Prev*. 2019 Feb;26(1):45-53.
- Greve M**. Food dependent exercise induced anaphylaxis triggered by inhaled antigen. *Am J Emerg Med*. epub 2019 26 Feb. 10.1016/j.ajem.2019.01.011.
- Linakis JG**, **Bromberg JR**, Casper TC, **Chun TH**, **Mello MJ**, et al. Reliability & Validity of the Newton Screen for Alcohol & Cannabis Misuse in a Pediatric ED Sample. *J Pediatr*. epub 2019 11 Apr. 10.1016/j.jpeds.2019.02.038.
- Linakis JG**, **Bromberg JR**, Casper TC, **Chun TH**, **Mello MJ**, et al. Predictive Validity of a 2-Question Alcohol Screen at 1-, 2-, & 3-Year Follow-up. *Pediatrics*. epub 2019 21 Feb. 10.1542/peds.2018-2001.
- Madsen T**, Perkins R, et al. ED Observation Unit Utilization Among Older Patients With Chest Pain. *Crit Pathw Cardiol*. 2019 Mar;18(1):19-22.
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| PI                 | Recently Funded Research Grants  |                   | Dates             |
|--------------------|--|-------------------|-------------------|
| Tracy Madsen       | <i>StoP STroke: Sex-Specific Prevention of Stroke Through Reproductive Risk Factors &amp; Sex Hormone Effects</i>                            | NIH - K23         | 8/15/18 - 7/31/23 |
| Francesca Beaudoin | <i>COBRE Center on Opioids &amp; Overdose: Project 1</i>   | NIH - P20         | 9/1/18 - 8/31/23  |
| Traci Green        | <i>COBRE Center on Opioids &amp; Overdose: Core C</i>  | NIH - P20         | 9/1/18 - 8/31/23  |
| Adam Levine        | <i>Development of a Novel Mobile Health Tool for Age-Specific Dehydration Assessment &amp; Management in Patients with Diarrheal Disease</i> | NIH- R01          | 9/1/18 - 6/30/23  |
| Elizabeth Samuels  | <i>Drug Overdose Prevention Program</i>  | RI Dept of Health | 12/1/18- 8/31/19  |
| Traci Green        | <i>Enabling Health: Evaluating Programs Enhancing Harm Reduction Services in MA</i>  | RIZE              | 2/1/19 - 1/31/21  |
| Jay Baruch         | <i>The use of art-based museum interventions to reduce bias of healthcare teams in the setting of opioid use disorder in the ED</i>          | RISCA             | 4/1/19- 3/31/20   |
| Elizabeth Samuels  | <i>Quality Improvement of ED Opioid Use Disorder Treatment</i>   | RI Foundation     | 4/1/19 - 9/30/20  |
| Megan Ranney       | <i>Intervention Media to Prevent Adolescent Cyber-Conflict Through Technology</i>  | U Wisconsin       | 7/1/19- 6/30/20   |
| Elizabeth Samuels  | <i>Identifying Opioid Overdose Hotspots for Prevention &amp; Treatment Resource Deployment</i>   | Advance CTR - KL2 | 7/1/19- 6/30/21   |
| Thomas Chun        | <i>Pediatric Emergency Care Applied Research Network (PECARN)</i>  | HRSA - U03        | 9/1/19- 8/31/23   |

## Foundry of Arts & Humanities in Emergency Medicine (FAHEM)

Jay Baruch, MD  
Director, FAHEM



We've had an exciting academic year in the Program of Clinical Arts and Humanities. For courses, we offered a Brown EdX course, "Beyond Medical Histories: Gaining Insight from Patient Stories". <https://www.edx.org/course/beyond-medical-histories-gaining-insight-from-patient-stories> This online course offered through Brown Continuing Education explores how healthcare providers can better understand and care for patients by applying creativity and storytelling to their clinical practices. This course includes Dr. Jay Baruch and Dr. Mike Barthman with a guest appearance by Dr. Himelfarb. This is a free course and available for anyone who's interested.

In February 2019, we welcomed Mike Stanton, a Pulitzer Prize winning journalist who is well-known for his novel, "The Prince of Providence". He spoke with our group on writing and crafting compelling narratives.

We had 2 RISD Museum collaborations. In May, we had "Blame, Shame, & Mental Strain", which was a 3-session forum for discussing the challenges of caring for trauma patients. From guided discussions of art objects, we connect back to the ways our feelings and perceptions may influence the care we provide to trauma patients and how the demands of tending to this patient population can impact trauma providers. In Summer 2019, we hosted, "The Use of Art-Based Museum Interventions to Reduce Bias of Healthcare Teams in the Setting of Opioid Use Disorder in the ED". Some

of our EM faculty who participated included myself; Elizabeth Samuels, MD, MPH, MHS; Tracy Madsen, MD, ScM; and Christian Arbelaez, MD, MPH. This collaboration explored the role of the art museum space and arts-based inquiry as a novel method for engage EM providers with the goal of creating an education program that promotes an authentic dialogue on bias in the care of patients with opioid use disorder in the ED with a focus on improving patient and provider well-being.

Our group has started a humanities and ideas blog entitled, "Triage": <http://www.triagehealthhumanities.com/>.

We continued to partner with the Cogut Institute for the Humanities at Brown University on the Creative Medicine Series. Our guest speakers ranged from research physicians to painters and sculptors. This series is both educational and entertaining.

The RI Department of Health and RI State Council of the Arts partnered and developed an advisory leadership team named the RI State Arts and Health Network. This group produced an evidence map that represented the literature on arts-based interventions and produced a report for the Director of the RI Department of Health. I was happy to serve on this group. For more information: <http://www.health.ri.gov/healthcare/about/artsandhealth/>. ©

## Recent Brown EM Faculty Awards & Positions

10/2018 - Several of our faculty were featured in the book, *"Bring 'EM All: Chaos. Care. Stories from Medicine's Front Line"*. This is a commemorative book released for ACEP's 50th Anniversary. The physicians who participated in this book were **Drs. Alyson McGregor, Elizabeth Nestor, William Lewander, Adam Levine** and our former Chair Brian Zink.

10/2018 - **Gita Pensa, MD** was named EMRA's 2018 *Faculty Mentor of the Year*.

12/2018 - **Megan Ranney, MD, MPH** was named the 2018 Lifespan's *Bruce Selya's Excellence in Research Award* recipient.

2018 - **James Monti, MD** was the recipient of the Rhode Island Hospital 2018 Service to Patients Award.

10/2018 - **Robert Tubbs, MD** received a 2018 ACEP's *National Teaching Award*.

2018 - **Aris Garro, MD, MPH** was named a Top New Peer-Reviewer for the publication *Annals of Emergency Medicine*.

05/2019 - **Megan Ranney, MD, MPH** was named the RI Medical Women's Association *2019 Women Physician of the Year*.

2019 - **Alyson McGregor, MD, MA** received the Association of Women in Academic Emergency Medicine's *2019 Mid-Career Award*.

2019 - **Whit Fisher, MD** received the *Outstanding Clinical Educator Award* from the Rhode Island Chapter of ACEP.

2019 - **Nicholas Asselin, DO, MS** received an *Early Career Achievement Award* from RI ACEP.

05/2019 - **David Portelli, MD** was named the Rhode Island Hospital's 2019 *Service to the Hospital Award* recipient.

05/2019 - **Linda Brown, MD, MSCE** received the 2019 SAEM Simulation Academy's *Distinguished Educator Award*.

05/2019 - **Katelyn Moretti, MD** received the SAEM Global EM Academy's *Young Physician Award*.

05/2019 - **Stephanie Garbern, MD, MPH** received the SAEM GEMA's *Humanitarian Award*.

05/2019 - **Adam Levine, MD, MPH** received the SAEM GEMA's *Globalization & Achievement Award*.

05/2019 - **Christian Arbelaez, MD, MPH** was named the ACEP International President & received the SAEM GEMA's *Diversity Award*.

04/2019 - **Steven Rougas, MD, MS** was named Chair-Elect for the Northeast Group on Educational Affairs (NEGEA), a subgroup of AAMC. He will be the Chair of the National Grant Program for AAMC starting in 2020.

05/2019 - **Steven Rougas, MD, MS** was chosen as a *Faculty Award* recipient by the Alpert Medical School's graduating class and was also selected as *Faculty Marshal* for graduation.

05/2019 - **Kristin Dwyer, MD, MPH** was named as Secretary for the SAEM Academy of Emergency Ultrasound.

05/2019 - **Elizabeth Goldberg, MD, ScM** was named a member at large for the Academy of Geriatric Emergency Medicine.

05/2019 - **Tracy Madsen, MD, ScM** became President-Elect of the Academy of Women in Academic EM (AWAEM).

05/2019 - **Adam Aluisio, MD, MSc** became Treasurer of the Global EM Academy of SAEM.

05/2019 - **Naz Karim, MD, MSc, MHA, MPH** became a Member at Large of the Global EM Academy.

05/2019 - **David Portelli, MD** received the Rhode Island Hospital *Service to the Hospital Award*.

05/2019 - **Elizabeth Samuels, MD, MPH, MHS** was elected Co-President of the SAEM Social EM & Pop Health Interest Grp.

06/2019 - **Joseph Lauro, MD** was named 2019 RI ACEP's *Emergency Physician of the Year*.

06/2019 - **Gita Pensa, MD** was given a 2019 RIACEP *Special Services Recognition*.

06/2019 - **Gary Bubly, MD, MHCI** was awarded The Miriam Hospital's *Charles "Bud" Kahn MD Lifetime Leadership Award*.

06/2019 - **Adam Levine, MD, MPH** was named the Director of the new Center for Human Rights & Humanitarian Studies at Brown University. Adam was named as a 2019 *"40 Under 40"* by *Providence Business News*. He was also named as a *"4 Under 40"* by the Rhode Island Medical Society. ☺

### APPs

*continued from page 12*

She passed on April 24th surrounded by her family at her bedside at Hospice. Christine was originally a long time ED nurse who continued her passion for medicine to become a nurse practitioner and EMPED graduate. Our thoughts and prayers go out to her family.

As the Director of the APP group here at Brown Emergency Medicine, I am very proud to manage such a dynamic, energetic, professional, and compassionate group of medical providers. Our EDs and the patients we care for are so much better off because they are on our team. ☺

### 2019 Dean's Excellence in Teaching Awardees in Emergency Medicine

Lydia Ciarallo, MD  
 Kristin Dwyer, MD, MPH;  
 Gregory Lockhart, MD;  
 Tracy Madsen, MD, ScM;  
 Alyson McGregor, MD, MA;  
 Lynne Palmisciano, MD;  
 Jane Preotle, MD;  
 Shideh Shafie, MD, MSc;  
 Elizabeth Sutton, MD ☺

### Brown EM 2019 Faculty Retreat

continued from page 2



from Dr. Samuels, "Novel Approaches Other EDs Have Implemented". This section included a breakout session where groups brainstormed on interventions that could be implemented; identifying any barrier to implementation; solutions to these barriers; and how performance

Lifespan's Risk Services, gave a presentation, "The Opioid Crisis in RI... A Unique Opportunity: A Survey of Data & Best Practices".



The remainder of the retreat was broken out into 3 parts geared toward making a more meaningful impact on substance use disorders. Part I - "What Are We Doing at Brown EM to Address Substance Use & the Opioid Epidemic?"

This included a presentation by Drs. Elizabeth Samuels and Megan Ranney highlighting our current programs - what we are doing; what is available to the providers; and how we are doing. Part II - "Why: Perspectives on the Opportunity in the ED from those Affected by OUD". This part included a presentation, "De-escalation and Enhancing Treatment Engagement: A Trauma Informed Approach" by Chris Dorval, LICSW, LCDCS, ICADC, Clinical Director of the Northeast Addiction Treatment Center and Project Coordinator of the RI College School of Social Work SBIRT Training and Resource Center. Chris focused on the experience from the substance user point of view. Part II also included a panel moderated by Dr. Francesca Beaudoin with recovery coaches Deb Dettor and George O'Toole. Part III - "How Can Brown EM Have a Meaningful Impact: Committing to Specific Results". This part of the program included a presentation



and success can be measured. The groups presented their findings. The faculty chose the suggested interventions that they felt were most important and could be implemented. Pediatric EM geared their innovations around adolescent substance abuse issues. The retreat fulfill all the outlined objectives! ☺

