July in academic medicine is always about change. Each year we experience the academic life cycle of our well-trained, eager graduates going out into the world and welcoming our new class of bold and brilliant emergency medicine interns. But this year we have many other prominent changes in our realm. After 5 years of distinguished service, Dean Edward Wing has returned to academic medical practice and the Alpert Medical School welcomes a new Dean, Dr. Jack Elias, who was previously the Chair of Internal Medicine at Yale University. Associate Dean of Medical Education, Dr. Phillip Gruppuso has also stepped down and we welcome Dr. Allan Tunkel as the new Associate Dean for Medical Education.

In the Lifespan system, unprecedented financial pressures have led to the Lifespan Operational Restructuring Initiative (LORI) which will reduce operating expenses by approximately $150M over the next 2-3 years. All major academic health systems are facing similar stress. This preemptive work of LORI will essentially redesign Lifespan as a leaner, more efficient, and more patient-centered health care delivery system. LORI will be enhanced by the implementation of the Epic health information system across all Lifespan hospitals and outpatient centers. We, in emergency medicine, will be playing a key role in both the restructuring and delivery of care, as well as the introduction of Epic into Lifespan. Dr. Dan Savitt, our Vice Chair for Medical Advancement, is leading the way for us.

Within our Department, our big administrative change is the move of Dr. Brian Clyne to Vice Chair for Education, and Dr. Jessica Smith to Residency Program Director. Dr. Clyne did an outstanding job as Program Director for 8 years, and deserves much of the credit for advancing the program to one of the premiere EM residencies. Brian will now lead a new Section for Education in the Department - we intend to bolster our expertise and become innovators in medical student, residency, and fellowship education, as well as CME over the next few years. Dr. Smith was recognized as a top notch educator in her role as Associate Residency Director, and will bring her talents and uncommon energy to lead the residency. Dr. Bob Tubbs moves in to the Associate Residency Director role and will continue his excellent work in leading our didactic programs. We also welcome Dr. Jamie Cohn as the new Assistant Residency Program Director.

Our other "regular" changes and announcements from the past 6 months are included in this Newsletter. We have had a very strong first half of 2013 with a successful patient flow and operational improvement (OpX) initiative at the RIH Anderson Emergency Center and strong performance on quality metrics at all our
sites. In the research realm we have been remarkably successful and productive, given these lean times in research funding.

I had the good fortune to vacation in Italy with family and friends in early July. We spent most of our time in rural Umbria - a place that seems somewhat impervious to change. Many of the hilltop towns have city walls and buildings dating back to the 11th or 12th century. Umbrian stonemasons still create homes with stone patterns and designs that go back a thousand years. The vineyards produce wines that are part of the culture of each region - centuries of finding what grapes grow best in the particular soils and microclimates, and then converting those grapes into incredible wines. The same for the olive oils, and cheeses, and hunting for truffles, or growing vegetables - fine tuning through trial and error over the centuries.

Even though I did as the faculty and our administrative staff urged, and didn't work while on vacation, I can't help but reflect on what a place that seems unchanged by time can teach us about change, or achieving excellence through change.

The first thought is that we are young in comparison. Our country, our medical profession, our specialty of emergency medicine - we are mere neophytes with less than a century of real experience in "modern" medicine. Just as we might not expect architecture techniques or wine-making to be perfected in a mere century, we probably shouldn't expect that a 6 month initiative or an intensive restructuring will make medical practice near-perfect. The current frenzy for change in medicine must be tempered by the realization that things take time. We can say, "we don't have time - we need to change, now!", but we also need to take the time to make sure that we are crafting medical practice in a thoughtful way that really benefits patients, and is sustainable.

The second lesson from Umbria is that it has been, and will always be, about communication. We were idly ambling up a steep, narrow street in the Umbrian town of Montecchio when an elderly Italian man popped his head out of his stone-walled home and we gave him a hearty "buon giorno!" He and his wife engaged us and we tried out our few Italian words and phrases. Something clicked, and he asked if we liked wine, got a key to a small stone room across the alley, and invited us to try his home made rose wine (which was quite lovely). As he filled our glasses he spoke in Italian about how humans are considered "intelligent" but the people of the world - English-speaking, French, Italians, Germans, etc. - speak different languages, and most cannot communicate. He chuckled that animals are really more intelligent because any cow or sheep from around the world can communicate with its brethren (and he moo'ed and baaa'ed for emphasis). We all laughed at his observation, but how true it is. If the doctor and nurse are not speaking the same language over a critical patient, the patient suffers. If we rush and don't elicit a key element of the history from our patient, we will make clinical misjudgments. If our electronic medical record platform does not communicate well with other systems, we will be less effective. If there is one skill that we should all seek to perfect in emergency medicine (and in our lives in general), it is the ability to communicate clearly and simply for maximum effect. Finally, even the act of reaching out and trying to communicate can have a positive effect. Our very poor attempts to speak some Italian to our Montecchio friend lead to an impromptu wine tasting, and a memorable life experience.

We hope you enjoy our semiannual attempt to communicate with you in this newsletter, and as always provide any feedback or suggestions to our newsletter maven, Céleste Carrière at ccarriere@lifespan.org. Have a wonderful summer.

Hope to see many of you at ACEP's Scientific Assembly in October in Seattle, Washington.

Frances Weeden Gibson - Edward A. Iannuccilli, MD
Professor & Chair, Physician-in-Chief
Department of Emergency Medicine
Alpert Medical School of Brown University
Rhode Island & The Miriam Hospitals
Assistant Dean, Medical Student Career Development

Brian J. Zink, MD
The Miriam Hospital Emergency Department

The staff of the Andrew F. Anderson Emergency Center has been hard at work continuing to enhance the care and service of our patients.

We have expanded our practice of observation medicine by starting a unit for those at risk of a transient ischemic attack (TIA). The TIA unit was developed through collaboration between the Departments of Emergency Medicine, Neurology and Diagnostic Imaging, and is an important element of the RIH Stroke Center. Patients that enter this care pathway receive an assessment of their risk for stroke within a 24 hour period. This efficient and thorough care model has benefited greatly from our longstanding practice in observation care of the Chest Pain Unit. The patient experience thus far has been excellent, and we look forward to continued success in this area.

The Anderson continues to employ operation management tools, like LEAN & Six Sigma, to enhance new & existing processes of care.

We have seen patient arrivals increase over the past year. Patients continue to select us as their provider of choice for emergency care, and our care teams work hard every day to meet their expectations. In January, we made adjustments to the staffing and pod utilization to better accommodate the growing patient volume. The changes increased the areas we use for patient care and make more spaces available for waiting patients. In particular, one of these areas focuses on the care of low acuity patients, and better addresses the needs of this patient population. Initially, the new pod operations were applied during the weekdays. As we enter the summer months, the changes to pod functions will be expanded to every day of the week.

The Anderson continues to employ operation management tools, like LEAN and Six Sigma, to enhance new and existing processes of care.
Bill Lewander, MD - Vice Chair for Pediatric Emergency Medicine

The Section of Emergency Medicine has a number of exciting changes to announce. The first is a change in the Pediatric Emergency Medicine fellowship directorship. Dr. Dale Steele is stepping aside after over a decade of very successful leadership of the fellowship program. Dale was instrumental in making our fellowship one of the most respected programs in the country. He hands over the Ped EM Fellowship reins to Dr. Elizabeth Jacobs. Liz has a strong background in education and previously served as PEM Fellowship Director at Children’s Hospital in Washington, DC before relocating to RI.

This spring the Hasbro ED welcomed a new Director, Lynn Pittsinger, RN, NP. Lynn has an exceptional clinical background in the care of pediatric emergencies and critical care, most recently at Boston Children’s Hospital. Lynn received her BA in Psychology from Bates College and an AD in Nursing from Central Maine Medical Center School of Nursing. She is a graduate of Yale University School of where she earned an MS in Nursing as a nurse practitioner. Lynn is a doctoral candidate at the University of Massachusetts. She has certifications as a pediatric nurse practitioner and pediatric mental health specialist.

We are also delighted to welcome Sadiqa Kendi, MD who is joining our PEM faculty in August (see her bio, page 18). Sadiqa is interested in injury prevention & worked on the development of safety centers within hospitals that provide families with materials and education to make homes safer for children.

Dr. Elizabeth Prabhu will be joining the HCHED staff as a general per diem pediatrician in August. Most recently, Beth was Chief resident at the University of Vermont.

Dr. Laura Chapman has been appointed Pediatric Emergency Medicine Director of Quality.

So far it has been a very interesting early summer in the Hasbro Children’s Hospital Emergency Department. In early July we cared for over 90 patients over the course of a few days with bloody diarrhea, fever, dehydration, and/or hypotension. Pediatric emergency physicians and residents put together the clues on this infectious disease and contacted the RI Department of Health. The physician and nursing teams worked tirelessly – several staying overtime in order to provide the needed clinical attention and support. The epidemiology of these cases turned out to the Shigella sonnei bacteria from water exposure at Spring Lake Beach.

Over the past year our Ped EM group and Hasbro ED joined the American Academy of Pediatrics Sepsis Collaborative. Thanks to the efforts of the Hasbro ED MD/RN staff and others throughout the institution, the Hasbro ED demonstrated significant improvements in the early recognition and treatment of sepsis through participation in this multi-institutional collaborative that is administrated by the Children’s Hospitals of America. Drs. Laura Chapman, Geoff Capraro, and Susan Duffy led the way in this effort.

In our Pediatric Emergency Care Research Net-

(continued on page 5)
EMERGENCY MEDICINE FACULTY

Professor
Brian Zink, MD -
Frances Weeden Gibson - Edward A. Iannuccilli
Professor of Emergency Medicine
Bruce Becker, MD, MPH
Gregory Jay, MD, PhD
William Lewander, MD
James Linakis, MD, PhD
Selim Suner, MD

Clinical Professor
Elizabeth Nestor, MD, M Div.

Associate Professor
Jay Baruch, MD
Adam Chodobski, PhD (Research)
Thomas Chun, MD, MPH
Brian Clyne, MD
Susan Duffy, MD
Jason Hack, MD
Leo Kobayashi, MD
Michael Mello, MD, MPH
R. Clayton Merchant, MD, MPH, ScD
Ted Nirenberg, PhD (Secondary)
Frank Overly, MD
Daniel Savitt, MD
Dale Steele, MD
Jonathan Valente, MD

Clinical Associate Professor
Gary Bubly, MD
Catherine Cummings, MD
Thomas Haronian, MD
Ilse Jenouri, MD, MBA
Mihir Kamat, MD
Matthew Kopp, MD
James Monti, MD
Andrew Nathanson, MD
David Portelli, MD
Lawrence Proano, MD
Francis Sullivan, MD

Associate Professor (Clinical)
Deirdre Fearon, MD
John Foggle, MD
Frantz Gibbs, MD
Gregory Lockhart, MD
Kenneth Williams, MD

Professor
Siraj Amanullah, MD, MPH
Janette Baird, PhD (Research)
Francesca Beaudoin, MD, MS
Linda Brown, MD, MSCE
Joanna Szmydynger-Chodob ska, PhD (Research)
Geoffrey Capraro, MD, MPH
Esther Choo, MD, MPH
Jeffrey Feden, MD
Rachel Fowler, MD, MPH
Aris Garro, MD, MPH
Elizabeth Goldberg, MD
Eric Goldlust, MD, PhD
Nathan Hudspeth, MD, MPH
Michael Lee, MD
Sadiqa Kendi, MD
Adam Levine, MD, MPH
Otto Liebm ann, MD
Alyson McGregor, MD, MA
Lisa Merck, MD, MPH
Christopher Merritt, MD, MPH
Anthony Napoli, MD
Catherine Pettit, MD
Megan Ranney, MD, MPH
Neha Raukar, MD, MS
Matthew Siket, MD
Robert Tubbs, MD

Clinical Assistant Professor
David Bouslough, MD, MPH
Erica Constantine, MD
Thomas Germano, MD
Kirstin Gregg, MD
Andrew Griscom, MD
David Kaplan, MD
Matthew Kopp, MD
John LaFleur, MD
David Lindquist, MD
James Rayner, MD
John Riedel, MD
Marcia Robitaille, MD
Dana Sparhawk, MD
Brian Wiley, DO

Assistant Professor
David Bullard, MD, MEd
Charles Callahan, MD, MPH
Sarah Case, MD
Laura Chapman, MD
Lydia Ciarallo, MD
Jamieson Cohn, MD
Michelle Daniel, MD
Sarah Gaines, MD
Allysa Guy, MD
Mark Greve, MD
Elizabeth Jacobs, MD
Joseph Lauro, MD
Laura McPeake, MD
Lynne Palmisciano, MD
Jane Preotie, MD
Paul Porter, MD
Jessica Smith, MD
Elizabeth Sutton, MD
Lynn Sweeney, MD
Otis Warren, MD

Teaching Fellow
Christine Garro, PA
Allison Jackson, PA
Lisa Murphy, FNP

Research Associate
Julie Bromberg, MPH

Teaching Fellows
Bryan Choi, MD—Disaster & EMS
Devin Kato, MD - Global EM
Tracey Madsen, MD—
Women’s Health in Emergency Care;
& SAEM Research Fellow
Allison Riese, MD—
Injury Prevention Center
Steven Rougas, MD
Medical Education Research

Clinical Instructor
Amir Bernaba, MD
Laura Forman, MD
Katherine Kimbrell, MD
Megan McNamara, MD

Alpert Medical School,
Dean’s Clinical Excellence Awards
June, 2013 - EM recipients for the 2013 awards included: David Bouslough, MD, MPH; Catherine Cummings, MD; Rachel Fowler, MD, MPH; Catherine Pettit, MD; Lawrence Proano, MD; Lynn Sweeney, MD; and Tenny Thomas, MD. Pictured with Dr. Zink are Drs. Cummings, Bouslough, Sweeney, & Thomas at the reception at the Hope Club.
Stroke Programs at RIH & TMH

The stroke centers at RIH and TMH continue to excel and outperform national standards. Both sites saw a record number of strokes in 2012, treating 909 strokes at RIH and 664 at TMH respectively. At RIH, nearly 18% were treated with tPA, a higher proportion than ever before and nearly 8 times the national average. Moreover, tPA was administered within 60 minutes of arrival nearly 60% of the time, which is twice as often as only two years ago. Based on our stroke volume and excellent clinical performance, we are seeking advanced certification as the region’s only Joint Commission certified Comprehensive Stroke Center later this year. TMH received the 2013 Gold Plus award by the AHA/ASA, which is the highest level of recognition for consistent quality performance with the Get With The Guidelines® metrics. Additionally, TMH ranks in the top 10 of 250 academic medical centers in the UHC database for quality performance in stroke.

As part of a quality improvement initiative, in February the hospital pharmacy at TMH began mixing tPA for eligible acute stroke cases. Based on limited data available so far, it appears this change has not significantly adversely affected door-to-treatment times, and a similar pilot was recently launched at the Anderson ED.

Utilizing the Anderson ED’s new 1.5 Tesla MRI, a transient ischemic attack (TIA) observation pathway was introduced in March. In collaboration with the Departments of Neurology and Radiology, to date nearly 40 patients have received some of the most progressive ED-based TIA care, being efficient yet comprehensive, with complete risk stratification and secondary prevention strategies being delivered in hours rather than days. An evidence-based review of TIA was published in Emergency Medicine Practice in January (Siket MS, Edlow J. Emerg Med Pract. 2013;15:1-26)

The first quarterly joint EM/Neurology conference was held on May 1st in the George Auditorium at RIH, discussing 4 recent basilar artery stroke cases. It was well-received by both services as a forum to help improve interdisciplinary collaboration required to excel as a national leader in stroke care.

Rhode Island Hospital—Chest Pain Unit

We continue to make great strides in the quality of care we offer to our chest pain and cardiac arrest patients.

The chest pain unit continues to see an average annual census of greater than 1500 patients with an average length of stay of approximately 17 hours. Ed Godbout, our CPU coordinator, has been diligently working hard to improve the satisfaction of our patients by making their stay more comfortable. He has done this with a number of aesthetically pleasing upgrades as well as operational changes, such as dimmed lighting and a reduced noise environment at night. Our change in guidelines to improve the utilization of our unit by considering early discharge of very low risk patients has safely reduced CPU usage by 50% in appropriate less than 40 year old patients. At SAEM, we were able to present an oral abstract on our experience demonstrating the very low risk of adverse outcomes in this patient cohort. Our work, along with two other abstracts at the conference and prior research, suggests adverse event rates as low as less than 1 in 500 patients. 3 other abstracts of ours, 2 on stress utilization and 1 on ED recidivism, were also well received. The latter research, ED recidivism of chest pain unit patients, is unique work that demonstrates recidivism rates nearly 7 times general ED patients. Though this work demonstrated adverse cardiac outcomes are rare in CPU patients (<1% at one year), we hope this work will translate into greater opportunities to detect and intervene on those issues that result in Emergency Department returns by CPU patients.

Treatment with neuroprotective hypothermia after cardiac arrest continues to be a success story of the collaboration between Emergency Medicine and Cardiology. Between Rhode Island Hospital and The Miriam Hospital we have now treated over 65 patients with remarkable success. In an ongoing attempt to improve the science and care we offer to these patients, we participate in a national registry and we were a part of 2 abstracts presented at SAEM regarding outcomes in these patients. As always, I wish to thank the administrative, nursing, and physician staff who make these programs so successful and are responsible for the excellent care these patients receive.

Matthew Siket, MD
Co-Director

Anthony Napoli, MD
Medical Director

DEPARTMENT OF EMERGENCY MEDICINE
1] ePCR:  The Department of Health is in the process of rolling out a new electronic patient care report (ePCR). Electronic data reporting to DOH will allow us to contribute to the national EMS database (NEMSIS), which now holds millions of EMS runs (researchers take note), and will give us access to EMS reports as PDF files at our hospitals, and improve local data for registry (Trauma, Stroke, STEMI), QA and other purposes. EMS agencies across RI are participating, with the goal to have all records electronic within a year.

2] MedCom Center:  You may have noticed some remodeling in the Anderson EMS Room by Ambulance Triage. This room will soon house the RIH MedCom Center, where paramedic staff will coordinate EMS communications for the Anderson ED. Radios, computers, and phones in the room will improve EMS communication, provide us with more accurate ETA information, and help the ambulance triage process. Staff is being hired, and most of the equipment is ready to install. Standby for EMS communication improvements!

3] EMS Fellowship:  Our Division is working hard on the EMS Fellowship application process. The paperwork is over 400 pages at this point…. Our goal is internal GME approval in the fall, and ACGME approval before 2014.

4] LifePACT transitions:  Spring and summer bring new faces. We have had a few medics leave for jobs in other states, and are hiring replacements, along with the MedCom medics (who will meet LifePACT medic requirements). In addition, a new class of EM Residents is starting to provide transport physician care. Please welcome and help the newcomers!

**Vice Chair of Education**

June 2013 - Dr. Brian Clyne was promoted to Vice Chair for Education in the Department of EM at the Alpert Medical School of Brown University. In this new role, Dr. Clyne will guide and oversee the educational programs in the Department of EM, including the EM Residency, medical student education, and CME. He will take a lead role in faculty development in education.

Dr. Clyne has excellent experience and preparation for his new role. He served as Residency Program Director for 8 years, and did an outstanding job advancing the residency. Brian has been an active scholar and presenter in education on a national level in our academic organizations, and also in the Alpert Medical School where he is one of three Academy Lead Physicians. Dr. Clyne received the ACEP National Faculty Teaching Award in 2010. He was also recognized by the Department of EM/UEMF in 2009 as an Outstanding Physician. In July, Dr. Clyne was promoted to Associate Professor of Emergency Medicine in the Teaching Scholar Track at the Alpert Medical School. Dr. Clyne is an exceptional mentor to medical students, residents, and faculty, and a key member of our Executive Committee.

Please join us in congratulating Dr. Clyne on his new role as Vice Chair for Education and thanking him for his 8 outstanding years of leadership of our residency program.

**New EM Residency Team**

June 2013 - Dr. Jessica L. Smith has been promoted to the position of Program Director for EM Residency in the Department of Emergency Medicine at the Alpert Medical School of Brown University. Dr. Smith has been a core faculty member in Emergency Medicine since 2006 and has served in many key educational roles including Assistant Program Director and Associate Program Director. She has been an outstanding contributor to the program and a champion for resident education and evaluation. Nationally, Dr. Smith has been recognized with the 2012 ACEP National Teaching Award and the 2013 CORD Distinguished Educator Award. With her experience and energy, Dr. Smith will provide excellent leadership to the residency during a time of big change in GME.

Dr. Robert Tubbs has been promoted to Associate Program Director. As Assistant Residency Director, and the leader of our didactic programs, Dr. Tubbs has been a dedicated and creative educator. Bob re-organized the residency conference series and developed an innovative visiting professorship program. Dr. Tubbs has won the CORD Distinguished Educator Award, and will be one of the upcoming 2013 ACEP National Junior Faculty Teaching Awardees.

Rounding out the EM residency leadership team, Dr. Jamieson (Jamie) Cohn has been appointed as Assistant Program Director. Dr. Cohn is a 2011 graduate of the Brown EM program and has shown great aptitude as a teacher and mentor. Jamie serves on the program’s recruitment and evaluation committees and has been a key instructor in the intern curriculum.

Congratulations to our new Brown EM Residency leadership team. Drs. Cohn, Smith, & Tubbs pictured on the right.

**Division of EMS - LifePACT**
The Injury Prevention Center (IPC) community outreach in collaboration with the pediatric trauma services at Hasbro Children’s Hospital has developed a new child passenger safety program directed at inpatients. Beginning on February 12, 2013 nurses are now required to ask parents of all children under the age of 13 years a series of questions about child passenger safety and car seat use. The goals of the program are to raise awareness about child passenger safety and car seats and also to identify urgent needs for car seats/booster seats and to take care of those needs prior to discharge whenever possible. All families are given information about child passenger safety as well as contact information for the car seat program at the IPC. Families with financial needs can also receive and appropriate free car seat through this IPC program.

During 2012 there were an unusually high number of children admitted to Hasbro Children’s Hospital with injuries sustained as a result of a fall out of a window. Most of these injuries occurred during the warm summer months. In order to address this issue, we conducted a focus group study to assess what caregivers of young children know about window safety. During June 2013 focus groups were held at four different Children’s Workshop Daycare Center locations. We are presently analyzing the data collected at these focus groups, and plan to use the data to guide us in designing an intervention to educate families about window safety in the home.

On April 20, 2013 The IPC partnered with the city of Providence to participate in an Earth Day celebration. We organized a cleanup of the Lennon Park playground. In 2007, the IPC received a grant from Allstate to completely renovate this playground and make a safe place for children to play in that neighborhood. Now 6 years later, the playground was in need of some repairs and cleaning. The IPC solicited volunteers from Providence College and the local community to help with this project. Mayor Tavares stopped by to visit with the volunteers and check out the results.

As we do every year, community outreach at the IPC has been busy holding car seat check events throughout the community. So far in 2013 we have held 20 car seat check events at a variety of locations around Rhode Island and southeastern Massachusetts. So far this year we have checked 706 car seat installations and distributed 468 car seats to qualifying low income families. Our busy car seat check schedule will continue throughout the summer and fall.

Mayor Angel Tavares stopped by the Lennon Park clean-up project and take a picture with the volunteers (below).
The Annual Department of EM Faculty Retreat was held on May 31, 2013 at the Squantum Association Club on the Narragansett Bay in East Providence, RI. This year’s theme was “Playing with Fire - the inner flame, the hearth, and some fire-fighting lessons” – highlighting the current challenges and opportunities in academic medicine. The day started off with a meditative mind-clearing exercise, led by Dr. McPeake to get the group relaxed and focused. Dr. Zink presented a review of the departments mission, vision, & values and current progress on meeting our vision. He discussed how the Department can play out our vision in the face of upcoming health care reform and turn the reform process in to new opportunities.

Kevin Hively, from Ninigret Healthpartners, LLC, was a guest speaker presenting the “New Healthcare Practice & Payment Landscape”. Kevin discussed his impressions of what ED utilization will look like after healthcare reform; how should EM groups budget for Medicare changes; how should EM prepare & position its workforce for reform; and what will the role of EM physicians be in new reimbursement models.

EM physician burnout had been a hot topic in the media since the MedScape March 2013 survey on EM Physician Lifestyle - Linking to Burnout. Our wellness guru, Dr. Laura McPeake, addressed the topic with a group discussion & exercise in her presentation “Tending the Inner Flame - Burn On, Not Out”. This included the 4 elements of effort: aspiration, steadfastness, joy, & rejection. Laura had the faculty break into small groups and discuss difficult incidents in their professional and personal lives and how to move forward from these events. Laura also reviewed results from our own Department of EM survey on physician burnout.

Dr. Brian Clyne presented “Education & GME Milestones” with a discussion of the next ACGME residency program accreditation changes that now focus more on milestones than what was previously called ‘core competencies’. Dr. Clyne covered over the annual review timeline & indicators and the 23 new EM milestones. (See diagram) Fourteen of these deal with patient care.

**July 2013 - Academic Promotions**

We are pleased to announce that the following faculty members have been promoted to Associate Professor at the Alpert Medical School of Brown University:

- **Jay Baruch, MD**, Associate Professor, Teaching Scholar Track
- **Brian Clyne, MD**, Associate Professor, Teaching Scholar Track
- **Catherine Cummings, MD**, Clinical Associate Professor, Clinical Voluntary Track
- **John Foggle, MD**, Associate Professor (Clinical), Clinician Educator Track
- **Frantz Gibbs, MD**, Associate Professor (Clinical), Clinician Educator Track
- **Thomas Haronian, MD**, Clinical Associate Professor, Clinical Voluntary Track
- **Ilse Jenouri, MD**, Clinical Associate Professor, Clinical Voluntary Track

### Milestones

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(continued on page 24)
**EXTRAMURAL FUNDING:**

**Megan Ranney, MD, MPH** was awarded a 5-year, $912,769 K23 award from the National Institutes of Health / National Institute of Mental Health. This integrated research and training plan, Text-Message-Based Depression Prevention for High-Risk Youth in the ED, will prepare Dr. Ranney, a fellowship-trained, practicing emergency physician, to become an independently funded physician-researcher with expertise in emergency department (ED)-based mental health interventions.

**Roland Merchant, MD, MPH, ScD** and **Michael Mello, MD, MPH** were awarded a two-year, $150,000 Institutional Research Training Grant from the Society for Academic Emergency Medicine (SAEM). The Brown University Emergency Medicine Substance Abuse Research Fellowship is an innovative training program with the primary objective of fostering the development of skilled independent clinician-scientists able to perform high quality substance abuse research relevant to the practice of emergency medicine. The purpose of the fellowship program is to recruit, train, and retain the next generation of clinician-scientists to help reduce the devastating impact of substance abuse on our patients and society.

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**2013 Annual New England Regional SAEM Meeting**

The Alpert Medical School, Brown University Department of Emergency Medicine proudly hosted the 17th year of the conference fondly called “NERDs”. 265 EM Researchers, Residents, & Medical Students from all over New England (& a few sprinkled from across the country) met on April 3rd, at the RI Convention Center in Providence.

Co-Chairs, Drs. Gregory Jay & Megan Ranney, organized the day’s events. There were 78 lightning oral and 59 poster presentations. The Keynote Speaker, Debra Houry, MD, MPH; Vice Chair of Research and Associate Professor of EM from Emory University School of Medicine; and Director of the Emory Center for Injury Prevention, presented “Public Scholarship & Physicians”. The UEMF Lecturer was Dr. Brian Zink who presented Voices From the Past: Wisdom for the Future, an audio presentation featuring the history of EM.

There was also well-attended AWAEM panel & group discussion and a pediatric simulation demonstration for medical students at the Lifespan Medical Simulation Center. The 18th annual NERDs will be hosted by Yale-New Haven.

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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 University Emergency Medicine Foundation.

The fund has received great support from past graduates and current faculty. And 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. Now you can make a financial investment into an EM resident’s future.

**Your contribution is tax deductible.**

**Please consider sending a check as follows:**

UEMF, Resident Scholarly Development Fund,
Attn: Michelle Costa
Department of Emergency Medicine
593 Eddy Street, Claverick 2, Providence, RI 02903

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**Thank you for your support!**
**Visiting Professor - Carey Chisholm, MD, October 29-30, 2013**

Dr. Carey Chisholm, Professor of EM and Indiana University-Methodist EM Residency Program Director, will be the next Department of EM Visiting Professor. Dr. Chisholm will be lecturing on Cognitive Bias and the Anatomy of an M&M Case. He will also participate in rounding at the bedside; mini-mentoring sessions; a moderated dinner with the EM faculty; etc. He will conduct a faculty development session on "Developing Your Personal Mission Statement".

Dr. Chisholm is the longest serving EM Program Director in the country. A nationally recognized authority in EM education, Dr. Chisholm has had numerous roles on committees in CORD, including President. He is a Past-President of SAEM and a member of Model of the Clinical Practice of EM task force. He chaired the Institute of Medicine’s Task Force “The Future of Emergency Care in the US Health System”. Dr. Chisholm was a Special Site Surveyor for the Accreditation Council for Graduate Medical Education Committee. He has been recognized nationally with awards including SAEM’s 2010 Hal Jayne Academic Excellence Award.

**Special Thanks to Dr. Steele**

After 10 years of dedicated service, Dr. Dale Steele stepped down as Pediatric EM Fellowship Director on June 1, 2013. Dale did an outstanding job leading the fellowship to its present position of recognition as one of the finest programs in the country. Dale will continue his valuable contributions to our academic & clinical missions. He will utilize his background in statistics & data analysis to support translational research at Brown including research design & analysis of interdepartmental data.

**New PEM Fellowship Director**

June 2013 - Dr. Elizabeth Jacobs was named Pediatric EM Fellowship Director. Dr. Jacobs has a background in education and previously served as PEM Fellowship Director at Children’s National Medical Center in Washington, DC prior to relocating to Rhode Island. Liz is an outstanding teacher with broad academic experience and understanding in academic pediatrics and emergency medicine. She will provide lead the educational efforts and provide mentorship to the 6 fellows in our program.

**Resident Research Grant Awards**

Drs. Liz Samuels and Nick Asselin are the 2013-2014 UEMF Resident Scholarly Development Grant recipients. Dr. Liz Samuels will be working together with Dr. Choo on "Barriers to Seeking Emergency Care and Emergency Department Experiences Among Trans and Gender-non-Conforming Patients: A Qualitative Investigation".

Dr. Asselin will be working together with Drs. Leo Kobayashi, Catherine Pettit, and Bryan Choi on "EMS Provider Workload and Workflow Assessment in Simulated Prehospital Sudden Cardiac Arrest: A Comparison of Standard Resuscitation Strategies With the Standardized Treatment and Optimal Resuscitation through Mechanical Adjuncts (STORM) Program".

**New Co-Director of the Stroke Centers at RIH & TMH**

July, 2013 - Matthew Siket, MD, Assistant Professor of Emergency Medicine, assumed the role as Co-Director of the Stroke Centers at Rhode Island & The Miriam Hospitals. Matt completed his EM Residency at the Alpert Medical School of Brown University where he was a chief resident from 2010-2011. He completed a NIH-funded fellowship in the Specialized Program of Translational Research in Acute Stroke (SPOTRIAS) in the Department of Neurology at Harvard Medical School & Massachusetts General Hospital in 2012. Matt joined UEMF in September, 2012 & has a primary research interest in risk stratification in transient ischemic attack. In addition, Matt will oversee the ED stroke program, including operations of the TIA Observation Unit, and continue his innovative research in imaging-based risk stratification in TIA.

Special thanks to Dr. Todd Seigel for all his hard work as the Co-Director of the Stroke Centers. Dr. Seigel recently started a Critical Care Fellowship at the University of California San Francisco.

**Dr. Ron Stewart - Visiting Professor, May 2013**

The Department of Emergency Medicine was honored to welcome as a Visiting Professor, Ronald Stewart, OC, MD, FRCPC, DSc; Professor Emeritus in Medical Education; Professor in Anesthesia, Emergency Medicine, Community Health & Epidemiology from Dalhousie University in Halifax, NS Canada, and former Minister of Health of Nova Scotia. Most recently, he is the founder & director of Music-in-Medicine in the Medical Humanities Program at the Dalhousie Medical School.

Dr. Stewart is a pioneer in EM & as Dr. Zink described him, “one of the most interesting people you will ever meet”. In Dr. Stewart’s long emergency medicine/academic medicine career he has made exceptional contributions to advance EM in pre-hospital care, public health & policy, undergraduate medical education and more recently, medical humanities. Some of Dr. Stewart’s awards & accolades include: the ACEP Mills Award for Teaching & Research; The National Association of EMS Physicians award named after him - the “Ronald D. Stewart Award of Excellence; and the
The New Section of EM Education

After stepping out of the program director role, I am excited to contribute in new ways as Vice Chair for Education. The PD experience was an education unto itself and a rich source for professional growth. Helping to build an environment where residents develop into confident, competent emergency physicians has been gratifying work. Rewarding as it was, though, the responsibilities of managing a program and ensuring compliance with the ACGME often limits the PD from doing any actual teaching—the reason we chose academic emergency medicine in the first place. In my new role, I look forward to being more directly involved with trainees at all levels.

I'm not alone in longing for more hands on teaching. All of us encounter daily barriers—high patient volumes, information systems—that demand attention and compete for our time to teach. We see this same tension on a larger scale within academic medical centers, where the emphasis is on efficiency, reducing costs, and demonstrating value. When institutions are financially threatened, the teaching mission is less of a priority. Understandably so, considering that efficiency and cost-containment are not typical features of educational programs.

To become a top priority and preserve our resources, educators must embrace the same principles as the hospital executives. We need tools to teach more efficiently, practice consistently and cost-effectively, and demonstrate the quality and value of our graduates. Faculty development programs focused on medical education are critical to achieving these goals. One of my responsibilities as Vice Chair for Education will be to provide faculty with the knowledge and skills to become better teachers. In doing so, I hope to make clear the connection between improved faculty education and improved patient outcomes (a big leap when you consider the time, steps, and variables separating them).

Beyond faculty development, there are many other issues facing medical education that I look forward to working on. Improving educational research, determining the best uses of technology for teaching, and creating leadership development programs are just some of the items on my “to-do” list. Through these activities, I hope to continue the progress we’ve made toward the vision of providing the highest quality education in Emergency Medicine. I am profoundly grateful for the opportunity to serve and look forward to the challenges that lie ahead!
Some of the Brown Department of EM’s work is highlighted below:

**Lightning Oral Abstracts:**

- Pretreatment with Intravenous Lipid Emulsion Reduces Mortality from Cocaine Toxicity in a Rat Model - Stephanie Carreiro, Jared Blum, Jason Hack.
- Using the VeinViewer Vision to Increase the Identification of Peripheral Veins for Intravenous Catheter Placement in Adults in an ED - Bruce Becker, Sofia Aronson, Molly Lascher-Katz, Lauren Presant.
- Pleth Variability Index Does Not Predict Fluid Responsiveness As Measured By Pulmonary Artery Catheter Thermodilution - Brandon Maughan, Todd Seigell, Anthony Napoli.

**Oral Abstracts:**

- The Association between Pretest Probability of Coronary Artery Disease & Stress Test Utilization & Outcomes in a Chest Pain Observation Unit - Anthony Napoli.
- Do Gender Differences Exist in Sepsis Mortality, Overall Surviving Sepsis Campaign Bundle Completion, or Completion Of Individual Bundle Elements?: The DISPARITY Study - Tracy Madsen, James Simmons, Esther Choo, David Portelli, Alyson McGregor, Anthony Napoli.
- Intravenous Lipid Emulsion Does Not Reverse Dabigatran Induced Anticoagulation in a Rat Model - Jared Blum, Stephanie Carreiro, Jason Hack.

**Didactic Presentations:**

- From the Bleachers to the Sidelines: Careers & Opportunities in Sports Medicine - Jeff Feden.


The Hidden Science in Your Emergency Medicine Research: Gender-Specific Study Design and Analysis - Esther Choo.


Top 5 Plays of the Day: How Gender-Specific Medicine Impacts Men - Health Alyson McGregor, Neha Raukar, David Portelli.

**Plenary Abstracts:**

- Voices from the Past Informing the Future of Academic Emergency Medicine - Brian Zink.

**Poster Abstracts:**

- Gender Disparities in Stress Test Utilization in Chest Pain Unit Patients Based Upon the Ordering Physician’s Gender - Anthony Napoli, Esther Choo, Alyson McGregor.
- Hourly Measures of Patients Waiting to be Seen are Accurately Predicted by a Discrete Event Simulation Model - Eric Goldlust, Eugene Day.
- The Prevalence Of Injury Vs. Illness In Children With And Without ADD/ADHD Presenting For Treatment To A Pediatric Emergency Department - Siraj Amannullah, Michael Mello, Sofia Aronson, Caroline King, Miao Tai, Bruce Becker.
- Impact of Gender on Patient Preferences for Technology Based Behavioral Interventions - David Kim, Esther Choo, Megan Ranney.

**Lightning Oral Moderators:**

- Brandon Maughan, Learning Styles; Megan Ranney, Injury Prevention; Kavita Babu, Toxicology

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**ABEM ORAL EXAMINERS**


June 2013 - Drs. Lynn Sweeney & Laura McPeake were was accepted into and recently attended the 2013 - AAMC Early-Career Women Faculty Professional Development Seminar in Englewood, CO. This multi-day program provides skills, tools, and insights, and networking for women physicians and scientists who are developing their academic careers.

May 2013 - The American Stroke Association / American Heart Association had a 3rd annual RI Stroke Conference “Getting into the Heart of Stroke”. Dr. Todd Seigel presented “The Role of the Emergency Department in Stroke”.

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**SAEM Annual Meeting 2013 - Atlanta, GA**

27 scientific posters, oral/lightning orals & 17 didactic presentations

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**Dept. EM on the National Scene**

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Dr. Chun had an extremely impressive year as researcher, educator & clinician. He is the Principal Investigator on the Pediatric Emergency Care Applied Research Network (PECARN) grant received in September of 2011. The HCHED became a node on this federally funded pediatric research network, which works to prevent acute illnesses & injuries. Thom has gained national recognition as a pediatric researcher in leading the PECARN grant at our institution. Dr. Chun’s research work is on emergency aspects of behavioral health in children. In the past year, Dr. Chun had 4 peer-reviewed publications & gave 5 national presentations including at the Advanced Pediatric EM Assembly in Washington, DC. In July 2012, Dr. Chun was appointed as an Assistant Dean for Admissions & Co-Chairs the Alpert Medical School Admissions Committee; where he will play a major role in recruiting high quality students in the expanding class. Beyond his research & administrative roles, Dr. Chun is highly regarded as a clinical pediatric emergency physician & educator of fellows, residents & medical students.

Dr. Jenouri had an outstanding year as an educator, administrator, & clinician. In July 2011, she was appointed as the Associate Medical Director for The Miriam Hospital Emergency Department. Dr. Jenouri has continued her important work on patient flow & operations with positive results. During the renovations to TMHED, she has been a key leader in reassessing system needs & patient workflow. Ilse is a graduate of ACEP’s ED Director Academy. In education, she has organized & managed the EM residents’ Difficult Airway Course; & serves on the EM Residency Interview & Advisory Committees. On a national level, Ilse is an ABEM Oral Board Examiner. She won the EM Brown Faculty CPC in 2011, & she presented at the SAEM Annual Meeting in May 2012. Dr. Jenouri represents our department on numerous committees at The Miriam Hospital. She was elected to the UEMF Board of Directors & Chairs the Benefits Committee, where she works at revamping current benefits & exploring new ones. Dr. Jenouri was named as the Co-Chair of the Pharmacy & Therapeutics Committee for both RIH & TMH. Dr. Jenouri’s selfless approach to providing exceptional clinical care, teaching, mentoring, & service makes her a key role model & mentor for students, residents, fellows, & peers.

Dr. Kobayashi had a stellar year for 2012, continuing his high quality contributions in EM research, education & clinical care. As Co-Director of the Lifespan Medical Simulation Center, Leo has been a force in innovative applications of medical simulation in provider education, patient safety, & innovative academic research. Dr. Kobayashi is always looking to develop cutting edge, technological solutions to routine operational issues. He is an integral member of the Department of EM’s 5S group that works on streamlining & organizing everyday processes in the ED. Many of Leo’s research-oriented, clinical improvement projects have led to numerous publications & national level presentations in patient monitoring, cardiac resuscitation, & patient safety. Dr. Kobayashi is a key educator in our group: organizing sessions with the AMS Emergency Medicine Interest Group & Medical Simulation Interest Group; co-developing & teaching the Medical Simulation elective; developing the RIH SimCode program; teaching the difficult airway course; & is an ACLS course instructor. Besides being the Medical Simulation Fellowship Co-Director, Dr. Kobayashi is a mentor to several residents & medical students. Dr. Kobayashi has built a national reputation as an authority in medical simulation & technology. He is on the Accreditation Council of Society for Simulation in Health Care. He is a founding member of the SAEM Simulation Academy.

April 2013 - As the 2012-2013 President of the Association of Academic Chairs of Emergency Medicine (AACEM), Dr. Brian Zink hosted the 5th Annual AACEM/AAAEM (Academy of Administrators in Academic Emergency Medicine) Retreat in Florida. The retreat featured national speakers including the Keynote address by Donna Shalala, PhD, President of U of Miami & former US Secretary of Health & Human Services, US Healthcare at the Crossroads. Other sessions included Creating & Sustaining a Diverse Faculty; new GME guidelines; ED Multi-Hospital Networks; “What’s Keeping You Up at Night?” - a discussion of major topics facing Chairs from around the country, to name some highlights. Dr. Zink is now Immediate Past President of AACEM and sits on the AACEM Executive Leadership Committee.  

EMRA will premiere its Legacy Video at the 2013 ACEP Scientific Assembly in Seattle, WA on October 15, 2013 from 5:30-7:30p. This 1 hour documentary features the history of EM & its pioneers & heroes.
Dr. McGregor had a banner year in all aspects of academic EM. She co-created the Division of Women’s Health (WHEC) in Emergency Care & Fellowship, which is the 1st program of its kind in the country & recruited the 1st fellow. WHEC main focuses are research, advocacy, & education in women’s health issues in emergency situations. Alyson has also created an elective in Women’s Health for residents. She has been the driving force in a partnership with Women & Infants Hospital in emergency care services. Dr. McGregor is a highly skilled, productive & efficient provider. Her resident teaching evaluations are excellent, & she is also a favorite teacher of medical students. Nationally, Dr. McGregor is recognized as an authority on EM women’s health care. She is an Advisory Board Member of the Brown University Office of Women in Medicine & Science. Alyson served as the President of RI Medical Women’s Association & is on the Board; a Board member of the Foundation for Women’s Health & an Executive Committee Member for the American Medical Women’s Association’s “Advancing Women’s Health” group; an Editor of their online women’s health educational content called “In This Case”; active as a member of the Academy for Women in Academic Emergency Medicine (AWAEM); & a national reviewer of women’s health on the US Medical Licensing Exam for medical students. Dr. McGregor’s gender specific research has been presented at national scientific meetings & she had a strong year publishing in this area.

Dr. McPeake is a treasured clinician, educator & colleague in UEMF & the Department of EM. As a “high hours” member of our group, day in & day out, she is clinically productive; an outstanding communicator in the ED’s; & is viewed as one of our best clinical teachers. Comments from residents & medical students routinely describe her clinical acumen; reasonable approach to care; & above all her compassion & ability to connect with patients, families, & staff; & to teach others those same skills. Over the past few years Dr. McPeake has become the “wellness guru” for EM attendings & has presented sessions as part of our didactic curriculum & our faculty retreats on wellness, work-life balance, & managing time & energy. Many physicians have evaluated & improved their approaches to work & life as a result of Dr. McPeake’s gentle coaching & instruction. Laura is a Small Group Leader for the Doctoring Course at the Alpert Medical School & medical student physician mentor. Her reach as an educator even extends in to the undergraduate realm where she participated as a panelist for "Pathways to Medicine" a career event at Brown. As a graduate of our EM Residency Program, Laura is a superb role model for our EM residents & junior faculty members.

Dr. Levine’s “community” is the world. Traveling around the globe, Adam has had a remarkable impact in terms of human service. Over the last several years, Dr. Levine has spent substantial time in Rwanda, Haiti, Bangladesh, Libya, & the Sudan providing emergency medical & humanitarian relief, & conducting ground-breaking clinical research. Dr. Levine’s efforts were recognized this past year by SAEM’s Global EM Academy as he received the inaugural Humanitarian Service Award. Dr. Levine received the prestigious & highly competitive Fogarty International Center of NIH K01 Grant Award for his project “Assessment of Dehydration in Children with Diarrhea in Resource-Limited Setting” using ultrasound for diagnosing volume depletion. He will spend 6 months per year in Rwanda or Bangladesh working on the project over the next 5 years. Adam co-developed & is Co-Director of the Brown Global EM Fellowship program. This multi-institutional program is in coordination with the Clinton Foundation & the government of Rwanda. Here at home, Dr. Levine serves on the Department of EM Research Committee and is the go-to person for global health research mentoring. Adam received the Alpert Medical School’s Dean’s Excellence in Teaching award in 2012. As an educator, Dr. Levine has lectured to medical students & residents on Humanitarian Emergencies; Clinical Research in Resource Limited Settings; & international EMS. He is a mentor in the Doctoring Course at the Alpert Medical School. Dr. Levine is a Founding Member of the Professional Association of Academic Training Centers in Humanitarian Health in Cambridge, MA. He is an Advisory Board Member, Journal of Emergency & Disaster Medicine. He is an ad hoc reviewer for several international journals. Dr. Levine is admired by many faculty for his initiative, intellect, & dedication to helping those in need around the world, even in situations that pose danger to him. Adam’s commitment to service, combined with his strong research and educational roles, sets him apart as one of the heroes of emergency medicine in the international realm.
simultaneously providing the necessary milestone data for the ACGME, and we appreciate your help in the transition. There will be forthcoming changes in the faculty evaluation system as well, and we will solicit your input about the best ways to get you the information you need regarding your teaching in the clinical environment.

There is lots more to come, and lots of new requirements to fulfill, but for now, I will end with an introduction of our newest interns. In the photo (right) pictured from left to right: Laura Ruhland, Heather Rybasack-Smith, Mark Andrews, Sarah Joseph, TJ Ye, Devin Smith, Inna Baran, Jonathan Schimmel, Edward Ruhland, Tony Zhang, Jonathan Ameli, Paul Cheung.

If you need to get in touch with the EM Chiefs: emchiefs@gmail.com, or call their hotline: 400-CHIEF (400-2443). If you need to get in touch with the residents, try the new listservs:

Class of 2014: brownem2014@gmail.com
Class of 2015: brownem2015@gmail.com
Class of 2016: brownem2016@gmail.com
Class of 2017: brownem2017@gmail.com.

Thank you to all the faculty for their ongoing support and participation! My door is always open. ✿

March 2013: Dr. Jessica Smith was a recipient of the Council of Residency Directors, Academy for Scholarship in Education in Emergency Medicine, Distinguished Educator Award. Dr. Smith was recognized with this award when she was Associate Program Director and was recently appointed Program Director. ✿

Dr. Robert Tubbs was named as a recipient of the ACEP Junior Faculty Teaching Award. This award is given to physicians who display dedication and innovation in teaching. He will receive a certificate at the Fellow Convocation and Awards Ceremony at ACEP 13 Scientific Assembly in Seattle, WA with 6 other national recipients. ✿

Dr. Smith & other recipients pictured with their awards.


2013 EM Welcome Party
The annual Department of EM Resident & New Faculty Welcome Party was held at the Newport Rotunda on July 17th. This event features the new Residents & Faculty being introduced to EM Faculty & their families. A New England-style buffet featuring lobster, steamers, & clam chowder is served over-looking the beach & the ocean. ✿
HCH ED
(continued from page 4)
work (PECARN) research, the Hasbro ED has enrolled 100% of eligible patients in the fluids in diabetic ketoacidosis study and remains one of the top enrolling sites for bio-markers study, under the direction of Drs. Aris Garro and Tom Chun. Also, congratulations and kudos to Dr. James Linakis as the PI recipient of a NIAA grant investigating screening middle school students for alcohol risk that will also be a PECARN study. As the PECARN lead investigator, Tom Chun continues to explore new potential areas of collaboration throughout the country.

Dr. Lynne Palmisiciano continues with similar efforts with EMS and first responders. Lynne was appointed by Dr. Michael Fine, Director of the RI Department of Health, as Medical Director for the first responders. Lynne has worked with every ED in Rhode Island.

Dr. Linda Brown continues her efforts to improve community hospital preparedness and response to critically ill children. With an AHRQ-funded grant, Linda has worked with every ED in Rhode Island.

Dr. Lynne Palmisiciano continues with similar efforts with EMS and first responders. Lynne was appointed by Dr. Michael Fine, Director of the RI Department of Health, as Medical Director for the first responders. Lynne has worked with every ED in Rhode Island.

University Physicians, a new physician practice plan that now has 7 members - UEMF, University Medicine Foundation, University Orthopedics, Rhode Island Medical Imaging, University Urological, University Surgical, and the Neurology Foundation - continues to meet & make progress in forming a multi-disciplinary practice plan. Currently, the Physician leaders and Administrators for the 7 physician groups are meeting & discussing services that can be merged. UPI is in active discussions with Lifespan, consultants, & the Alpert Medical School to plan an even larger physician practice organization that will transform the healthcare landscape of Rhode Island and the region.

Sports Medicine
(continued from page 8)
patient care.

On the research front, Sports Medicine has over a half a dozen summer projects, most focusing on concussions: the diagnosis, the identification of a serum or radiographic biomarker, the acute and long term effects as well as effects on learning. Also, we are finishing up a study on the compliance with our current law. We are also in the midst of an osteoporotic hip fracture study. From a generous grant through Hasbro Hospital, and working with our partners at the Brain Injury Association of RI, we are getting ready to start computerized baseline testing the contact athletes in the State of RI.

Dr. Feden continues to work and collaborate with the Department of Orthopedics and University Orthopedics, Inc. He will be rejoining University Orthopedics in September and will handle sports-related injuries one day a week.

Dr. Feden was part of the Medical Team at the Boston Marathon this year. He was part of the team that provided rapid assessment and administered first response treatment to injured runners and spectators. The team triaged and stabilized the injured to be transported to area hospitals after the bombing. Jeff will be the Medical Director for 3rd annual Providence Rock n Roll Half Marathon - Sept 29, 2013. He will be organizing coverage throughout the race for rapid response to illnesses or injuries.

Dr. Feden is entering his 5th year as Team Physician at Roger Williams University. Besides presenting at SAEM in May, Dr. Feden gave a Grand Rounds lecture at the University of Pittsburgh also in May. Dr. Feden also published a review on Closed Lung Trauma in Clinics in Sports Medicine in April 2013. He continues to work on Virtual Mentorship in Sports Medicine through ACEP Sports Medicine section grant.

Midlevel Providers
It has been an exciting time for the Mid-level Providers and UEMF. This spring we welcomed a group of 6 mid-levels to our third EMPED class of post graduate trainees. In our three year tenure, we have graduated 10 trainees who are currently working positions in Hawaii, Wisconsin, Vermont and Rhode Island.

This summer Johnson and Wales University is seeking accreditation for Rhode Island’s first center for Physician Assistant studies. Establishing this program will augment mid-level education and overall healthcare services in Rhode Island. Allison Jackson, UEMF Director of Mid-Level Services, will join the JWU faculty and act as a Clinical Site Coordinator. Additionally, other UEMF mid-level members will participate as adjunct faculty providing lectures and facilitating workshops for the PA students.

Jesse Pines, MD, MBA, MSCE; Associate Professor of EM & Director of the Center for Health Care Quality at George Washington University, presented Grand Rounds on Health Policy/ED Overcrowding on March 20, 2013.

Pictured: Dr. Raukar & Zoltan Mesko, punter for the NE Patriots at a Kick for Kids event.
Welcome New EM Faculty & Fellows for 2013!

Elizabeth Goldberg, MD, Assistant Professor, EM - Dr. Goldberg is a 2013 graduate of our EM Residency Program and served as a Chief Resident. She completed her MD at Sackler School of Medicine, Tel Aviv, Israel. During her residency, she served as the Chair of the Emergency Medicine Residents’ Association (EMRA) Research Committee and was awarded a Local Action Grant to institute a bilingual CPR program at the Rhode Island Free Clinic (RIFC). Besides her EM attending duties, Dr. Goldberg will serve as the Resident Research Coordinator. She will also co-instruct a Brown undergraduate course on conducting clinical research. Her academic interests include education and cardiorespiratory emergencies. Dr. Goldberg will be an EM attending at TMH ED and the AEC at RIH.

Allysia Guy, MD, Assistant Professor (Clinical) in EM - Dr. Allysia Guy graduated from the University of Illinois College of Medicine and completed her EM Residency at SUNY Downstate/Kings County Hospital Center. Dr. Guy completed our Emergency Ultrasound Fellowship and will remain on staff as a full time EM attending physician at TMH ED and AEC at RIH. Dr. Guy’s other interests include international medicine, dive medicine, and medical student education.

Catherine Pettit, MD, Assistant Professor in EM - Dr. Catherine Pettit completed her MD and Emergency Medicine Residency at the University of Maryland School of Medicine. She also completed our Lifespan Medical Simulation Fellowship. Dr. Pettit will remain on staff as a full time EM attending physician at The Miriam Hospital Emergency Department and The Anderson Emergency Center at RIH and continue her academic work in medical simulation.

Devin Kato, MD, Global Emergency Medicine Fellow (2 years) - Dr. Kato received his MD from Jefferson Medical College and recently completed his EM Residency at Harbor-UCLA Medical Center. He has worked internationally teaching English in Japan and medically in Kenya, Nepal, Mexico, Ghana and Haiti. Dr. Kato plans to pursue Emergency Medicine development and tropical medicine during his fellowship and will be working clinically in the Miriam Hospital ED.

Jane Preotle, MD, Assistant Professor (Clinical) in EM & Pediatrics - Dr. Preotle is a 2013 graduate of the Brown/Rhode Island Hospital Pediatric Emergency Medicine Fellowship Program. She completed her MD at Tufts University and her Emergency Medicine Residency at Brigham & Women’s and Massachusetts General Hospitals. Dr. Preotle will oversee the pediatric section of the EM residency curriculum. Her interests include medical education and simulation. Dr. Preotle will be an EM Attending at The Miriam, Hasbro, and The Anderson Emergency Center at RIH.

Sadiqa (Edmonds) Kendi, MD, Assistant Professor in EM & Pediatrics - Dr. Kendi recently completed her Pediatric EM Fellowship at The Children’s Hospital of Philadelphia. She received her MD from Yale University School of Medicine and completed her Pediatrics Residency at the Children’s Hospital at Montefiore, where she served as Chief Resident. Dr. Kendi’s academic interests include: the care of underserved populations, global health, along with research and advocacy in injury prevention. Dr. Kendi plans to continue this research and advocacy while she is here at Hasbro Children’s Hospital ED.

Welcome Per Diem Physicians
Elizabeth Prabhu, MD - HCHED Fast Track
Marleny Franco, MD - HCHED
Rebecca Goett, MD - AEC
Stephanie Carreiro, MD - AEC, TMH

So Long; Farewell; Good Luck!
Todd Seigel, MD
Tobias Kummer, MD
Stephanie Midgley, MD
Lisa Schweigler, MD, MPH
Meera Muruganandan, MD, MPH
The Lifespan Medical Simulation Center (LMSC) continues to expand the utilization of simulation across the Lifespan Healthcare System and the surrounding region. Sarah Freelove RN MPH has joined the center and assumed the role of Simulation Research Administrator and will assist in growing the simulation research program. A new physical space has just been renovated in the Coro Building to accommodate larger educational groups for procedural training in addition to anesthesia and surgical simulations. This space is outfitted with a state-of-the-art interactive 70" touchscreen system to enhance didactics and video debriefing for simulations.

The simulation faculty has been travelling across the nation and internationally, running simulation courses and bringing new techniques back to Rhode Island to benefit our trainees. Dr. Linda Brown braved the cold of Calgary in March to learn about a pediatric trauma course called TRIK (Trauma Resuscitation in Kids). She then headed for a warmer climate in the Cayman Islands where she taught the local providers about pediatric resuscitation. Dr. Foggle, Dr. Partridge, Dr. Bullard and Dr. Pringle led a trauma management course in Nicaragua with simulation-augmented training. All of these programs were very well received and may lead to future collaborations.

LMSC faculty maintained a strong presence at academic conferences and meetings, including the International Meeting for Simulation in Healthcare (Orlando, FL), where Drs. Overly and Brown had a podium presentation, and the International Pediatric Simulation Symposium and Workshops (New York, NY) where Dr. Overly served on professor rounds and as a mentor for the Speed Mentoring Sessions. The New England Regional Conference for SAEM was hosted in Providence: the center staffed a simulation demonstration / experience station, and Dr. Elizabeth Sutton conducted an interactive session for medical students at the simulation center.

The simulation fellowship continues to thrive, with Dr. Catherine Pettit (simulation fellow AY2012-2013) applying in situ systems testing simulation to train RIH code responders and to assess the readiness of two new resuscitation bays at The Miriam Hospital; the latter session provided valuable feedback to make adjustments to the clinical environment prior to opening of the space for patient care. Dr. Yasser Al-Aska, our AY2013-2014 fellow, will be starting in July.

The center continues to expand and provide excellent educational programs for EM and beyond in addition to using simulation techniques to study a wide variety of areas. The center has completed 147 simulations to date this year, with highlights including PACU, AMS ACLS and Bradley Hospital rapid response team. This is all a credit to the team of clinical educators, researchers and the incredibly supportive and dedicated simulation center staff.

“Know & Grow” Faculty Development Sessions

April, 2013: David Bachrach, President & CEO of Physician-Executive Coach, presented and moderated a Department of EM Know & Grow entitled “How to Effectively Manage People”. The workshop, was opened to physicians & administrators, covered how to better manage & lead your teams. The workshop included small group case studies.

Upcoming Scheduled Know & Grows:
September 18, 2013 from 1:30-3p Information Resources For The Physician-Scholar: Tips For Becoming A More Efficient & Productive Writer
October 8, 2013 from 11:30a-1p Preparing For Disaster: What Every Emergency Physician Needs To Know
existing processes of care. Part of this process is a culture of ongoing review and refinement of the procedures we employ to care for patients and the department. Recently, in conjunction with the hospital OpX program, the Anderson staff led an effort to further improve upon our Team Triage and Direct-to-Bed care practices. These models have enhanced the experience, efficiency and safety of patients throughout the department since their implementation, making further improvements a challenging prospect. Nevertheless, our highly experienced and dedicated staff was successful in making the experience and departmental efficiency in these and other facets even better for our patients. With service and a patient-centered approach at the core of all we do, the staff has made significant strides in the implementation of team communication and the CLEAR program. The CLEAR program has integrated and reinforced communication tools as essential components of emergency medical practice. This is clearly reflected in the numerous staff recommended for the Anderson Employee of the Month award and the complimentary patient feedback we receive. In the coming months, we look forward to further improvements in eliciting the voice of our patients through innovative survey tools and patient contact programs. We strive to better understand the patient experience everyday and promote the healing environment that best supports our high quality clinical care.

During these renovations, we have been able to manage our volume, including critically ill patients in 1C, which is a testament to our staff’s flexibility, patience, & creativity. We appreciate everyone’s cooperation during these improvements and look forward to seeing the results. The entire main emergency department should be ready near the end of September or early October. Once that phase is completed, the construction team will take over the IA unit.

Please welcome several new physicians joining our emergency department team this summer, including Drs. Elizabeth Goldberg and Steve Rougas. We will soon expand the 1-9p shift to 7 days a week in August. Based on the new configuration of the ED, plans for staffing next year have already begun. This is an exciting time for our department.

TMH ED recently hosted an event in honor of EMS week that featured presentations by Jeff Feden, Joe Lauro, and Bill Binder on disaster response at the 2013 Boston Marathon Bombing along with a lessons learned view of the 9/11 attack.

Finally, in addition to the GlideScope, we have added a new Philips ultrasound machine. The ED staff seems happy with these additions.

The Brown Department of EM website has been updated & will be launching the week of August 15th. Overseeing the effort has been Dr. Michael Lee. Colin Reilly will be responsible for updating the site with current news & events. This website will complement the already existing Brown EM Residency site that was updated last year. This website will show the scope of EM including our divisions & clinical sites.

On a related topic, Lifespan is updating their intranet site. EM started working on re-organizing & updating intranet sites for all 3 EDs. Each will have the same structure to be more intuitive, user-friendly and consistent across all 3 sites. This will help clinicians, who work at more than one of our EDs, to more effectively utilize internal information. Lifespan plans to roll out the new intranet sites as they are updated in each department beginning late 2013.
In the Spotlight—Media

Megan Ranney Featured on Gun Violence

Dr. Megan Ranney was featured in the Providence Business News & PBN.com in an article “ER Doc Calls for Public Health Approach to Gun Violence” on May 27, 2103. The article focused on her recent co-editorial in Annals of EM regarding society dealing with gun violence. This was also featured in the July edition of Lifespan’s Lifelines Digest. Published online 3/13/13: In Annals of EM, A Call to Action: Firearms, Public Health, and Emergency Medicine authored by Megan Ranney, et al. http://www.journals.elsevierhealth.com/periodicals/yjem/inpress

This editorial article received quite a response in local & national media.

May 2013 - WJAR-TV (Channel 10), 2 special, extended reports - a look inside Rhode Island Hospital’s AEC. A reporter and photographer from Channel 10 spent two full shifts in the ED in late March and early April to capture the range of cases seen in the state’s only Level I trauma center. Highlighted several patients and the complexities of care provided by our staff. In case you missed the recent spotlight series showcasing the ED on WJAR, Channel 10, the links are here: "Inside the ER: A rare look into the Rhode Island Hospital ER" (RIH) Part 1 - http://www.turnto10.com/video?clipId=8887485&autostart=true Part 2 - http://www.turnto10.com/video?clipId=8889478&autostart=true These 2 mini-documentaries showcase our team providing exemplary care.

June, 2013: Lynn Palmisciano, MD gave a lecture/webcast at the RI Department of Health Auditorium on Pediatric Cardiac Medical Emergencies.

July 2013: Dr. Paul Porter gave an in-depth interview/PSA on Heat-Related Illnesses & prevention for the Lifespan video features. This video can be seen on www.lifespan.org. It was also featured on the Lifespan intranet for employees.

July 2013 - Dr. Porter was also interviewed on WLNE-TV -6 live on the heat, particularly as it relates to children.

Jay Baruch, MD spoke at the Millennium Medical Conference in Houston, TX at the end of April. The conference featured speakers regarding media, technology, social media, etc. He was also interviewed on NPR for a Future Docs series which aired in late April.

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July, 2013: Neha Raukar, MD was interviewed on WPRI- Channel 12 on Preventing Heat-Related Illnesses. It was also featured on the website www.wpri.com.

Dr. Gregory Jay was featured on the Brown University website & in various national publications regarding his renown OA joint research on Lubricin. Some articles included: PNAS National Academy of Science Article. “Role of Lubricin & Boundary Lubrication in the prevention of Chondrocyte Apoptosis” Brown researchers & Dr. Jay Published online Synergistic Interactions Between Grafted Hyluronic Acid & Lubricin Provide Enhanced Wear Protection & Lubrication Bio Macromolecules ACS Publications. It was also featured online on Medical News Today “Natural Lubricant May Effectively Treat, Prevent OA”

Dr. Andrew Nathanson wrote Chapter 7 on Surfing Injuries (p143-172) in Adventure & Extreme Sports Injuries – Epidemiology, Treatment, Rehabilitation, & Prevention - 2013 Editors: Omer Mei-Dan, Michael Carmont Springer Publishing.


Drs. Michael Mello & Clay Merchant had their commentary article “Surveying Emergency Medicine” published in AEM in April.

A Sampling of Recent EM Media Highlights:
IPC highlighted scalding hazards on the Lifespan.org website; IPC & Kohl’s held a Ride Bright at Night event; Dina Morrissey, MD, MPH from IPC was interviewed by WPRI-12 on the dangers of accidental car back-over injuries with a push for rear-view cameras in cars; Dina Morrissey was interviewed on WPRI-12 on the unsafe use of fireworks & injuries that result; On ABC 6 news, a news brief stating that RHAEC was one of the first in the country to offer MRI scans in the ED; Brown Univ, press release “White Mountain Hikers Often Under-Prepared” regarding a study by Ryan Mason & Drs. Suner & Williams published in Journal of Wilderness & Environmental Medicine IPC participated in the 150th RIH Celebration Community Outreach Fair on June 8th performing car seat inspections; LifePACT Critical Care Transport participated in the Outreach Fair with ambulance and CPR demonstrations; etc.

Dr. Brian Zink was interviewed by Providence Business News/ PBN.com on how care is changing in the ED setting with new technology & changes with health care reform.

Our own Drs. Michael Lee & Brian Zink collaborated on the article “Owning the Cost of Emergency Medicine: Beyond 2%” which appeared in Annals of Emergency Medicine & published online. This article received national attention including the Brown University website (pictured left). Their work was also highlighted in the Business Insider in an article “Emergency Room Costs Have Skyrocketed To As Much As $151 Billion”.

July, 2013 Lisa Merck, MD, MPH was interviewed in a live radio show for ProTECTIII on Latino Public Radio. http://www.rpmi.org/inicio/index.php?categoryid=10. Also, Dr. Merck was also interviewed on WJAR-TV (Channel 10) for a Health Check segment on Rhode Island Hospital’s participation in a national clinical trial to study the impact of progesterone on the treatment of traumatic brain injury. Lisa Merck is the study’s local principal investigator.

Check out Dr. Gibbs on 8/5/13 in a live interview on Latino Public Radio. Below taken from the LPR Website

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EM Toxicology

The last three months have been busy and productive for the Division of Medical Toxicology! Drs. Stephanie Carreiro and Jared Blum (pictured) have presented our Intralipid research not only at the Regional New England SAEM meeting, but also at the National SAEM meeting in Atlanta and also at the American College of Medical Toxicology annual meeting in San Juan, Puerto Rico. Our Dabigatran-Intralipid research has been accepted for publication in Academic Emergency Medicine, and the Cocaine-Intralipid is currently under consideration by Annals of EM. Dr. Hack’s review paper on the emergency management of hyperglycemia with Dr. Ron Van Ness-Otunnu has been accepted and is in press in the Journal of EM.

With Dr. Peter Chai, Dr. Hack is beginning two research projects: 1) Does intralipid reverse cocaine induced cardiac arrest in a rat model, and 2) whether we can photographically determine if intralipid removes intracellular verapamil from a cell culture. (see picture)

Also, the Toxic Natter newsletter has expanded and will come out with a summer issue shortly. We have also added a new puzzle section. Hope you enjoy!

WHEC

Sex and Gender Trivia Game called “Wheel of Differences”. Many people ’spun the wheel’ for a chance to win prizes by answering “did you know?” questions relating to sex and gender differences in emergency care= F.U.N.

Research: At a recent Quarterly meeting, we reviewed the many ongoing projects WHEC is sponsoring and brainstormed future areas of research. We are fortunate to have regional and national collaborators. WHEC also has a research elective and has been hosting residents to do mentored scholarly projects in 4 or 8 week rotations. One elective project, on gender differences in opiate misuse in the ER, will be presented at the APHA meeting in Boston this fall.

Advocacy: With a packed agenda at this year’s SAEM annual conference, WHEC had the opportunity to spread the message on the importance of utilizing the gender lens in EM and gear up for the 2014 consensus conference on Gender Specific Research in Emergency Care. We had Borg Video, a videographer from Atlanta, come and film a group of national EM specialists for three Peer Reviewed Lectures that are submitted to Academic Emergency Medicine. We were also fortunate enough to have both our formal SAEM Didactics “Mining the Hidden Science in Your Emergency Medicine Research: Gender-Specific Study Design and Analysis” and “Top 5 Plays of the Day – Gender-Specific Men’s Health” filmed and posted on the SAEM website – check us out! http://www.saem.org/meetings/future-dates/2014

WHEC was highlighted by a non-profit organization in Providence called PVD Lady Project. They focus on promoting women locally through organizations and charity events. We were interviewed for their Member Spotlight = http://pvdladyproject.tumblr.com/tagged/member-spotlight

And finally, you may have noticed that we are using the term WHEC “Membership” as a way to identify those that continue to promote the mission of WHEC. This is also an opportunity for those interested to be served by WHEC through support of individual research and service that overlaps with our mission. We look forward to having a website that enables us to build on this approach and keep an updated list of activities of our growing membership.

Women’s Health

WHEC is steadily growing in all three aims: Education, Research and Advocacy

Education: In April, WHEC hosted a successful visit by Marjorie Jenkins MD, Chief Scientific Officer of the Laura W. Bush Institute for Women’s Health at Texas Tech University Health Sciences Center. She led a presentation and open discussion forum for WHEC Members on “Integrating Sex & Gender into Clinical and Research Platforms: Possibilities and Pitfalls” as well as a Grand Rounds Presentation for the Dept titled “Making the Case for Sex and Gender Based Medicine”. We were grateful for her efforts and imparted wisdom.

At the Fellowship Fair during SAEM this year, we also trialed a new concept to engage potential fellowship candidates with a
The collaboration between physicians, medical students and arts educators from the RISD Museum continues to evolve in new and interesting directions. This past spring, we developed and taught a new medical school elective for undergraduate PLME students called "From Galleries to Wards," which centered on the role of creativity and arts-based thinking as clinical skills. Museum objects were appropriated for purposes of nurturing and refining those metacognitive skills essential for excellent and compassionate decision making, as well as revealing how assumptions, biases, and cognitive shortcuts can compromise these valued ends.

Our own EM resident Bonnie Marr worked with RISD Museum educators to develop and organize an event at the RISD Museum for EM faculty and residents that focused on challenges and pitfalls of treating pain in the ED. This successful evening on May 23, 2013 received glowing feedback, and she looks forward to hosting another event on a different topic soon.

Brown/Trinity Rep MFA students took their remarkable talents to the medical school for an evening of readings and performances that highlighted work created during an elective that brought medical students and their theater colleagues together for a playwriting course taught by the award winning Trinity Rep playwright, Deb Salem Smith.

In January, UEMF co-sponsored the AMSA Writer’s Institute at AMSA headquarters in Virginia that drew medical students from around the country for a weekend of talk, workshops, and conversations. Other invited presentations included Cedars-Sinai Medical Center as the Siegel lecturer in ethics and humanism, the Cleveland Clinic Lerner College of Medicine, Northeast Ohio Medical University, Hiram College, the Millennial Medicine conference in Houston, and a panelist at the Artists and Scientists as Partners conference held at Brown.

The Creative Medicine Series, a collaboration between UEMF and our university partners, The Cogut Center and the Creative Arts Council, had another successful year and will be leaping into our 4th year this fall with a line-up led by our very own Steve Rougas.

We are mentoring a growing number of undergraduate students, medical students and EM residents. The Medical Humanities and Bioethics Scholarly Concentration at the medical school welcomed six new students this spring.
Dept of EM Retreat (continued from page 9)

Dr. Gregory Jay, Vice Chair for Research, presented “Igniting Knowledge: Research Focus Areas”. He gave an overview of our EM Research since 2006; EM research today; the Research Committee & their functions; and the challenges facing research funding. Dr. Jay announced the results of the strategic planning process that the EM Research Committee and Executive Committee went through to determine our focus areas in research. The 4 selected areas of research focus for the Brown Department of Emergency Medicine are injury prevention & control; cardiovascular & neurologic resuscitation; pediatric & gender specific care; and health care systems science.

The EM Retreat also included a risk management/CME session conducted by Dr. Dave Portelli and Suzanne Duni from Lifespan Risk Management. It was an interactive audience response session with 2 guest panelists also from risk management - Linda St. Angelo & Domenic Leco.

UEMF has a 5K Team. Each member of the Team received a T-shirt & part of the proceeds from the shirts were donated to the RI Free Clinic. Various members of the team have run in 5Ks held throughout the year. They look really fast (logo pictured above).

Dr. Ronald Stewart (continued from page 11)

Farrington Award from the National Association of EMTs. He received the Canadian Citizenship Award - Officer of the Order of Canada; the Canadian Association of Emergency Physicians bestowed the Award of Excellence & an honorary life membership; and University of Pittsburgh Medical School established an endowed Chair of EM and the Ronald Stewart Emergency Health Services Research Award in his honor. Dr. Stewart has conducted research in EMS & anesthesia including acute pain in trauma. He is currently pursuing a Masters in the History of Medicine.

During his Visiting Professor stay at Brown on May 7-8, Dr. Stewart joined faculty, residents, & medical students for dinner & a moderated discussion. He participated in an interview session “A Multi-Faceted Career” by Dr. Zink for the faculty & residents that outlined the scope of his interests and experiences. Dr. Stewart also gave a grand rounds lecture entitled “Of Stethoscopes & Sails, Tides & Tempests: A Logbook of the Voyage of Emergency Medicine”. He ended his visit with a faculty development luncheon.

The UEMF Board met in March & June. Some of the highlighted results of voting items are listed below:

Revised the time-away policy for physician members who are out of the country for 3 or more; James Monti, MD was appointed the new UEMF Board of Director’s Secretary; the Imperial Place condo suites were sold; Administrative staff & physicians’ offices were moved to 125 Whipple Street; approved the annual budget; approved a strategic investment group; support for the RI Physician Health Committee; & the Board voted to use Board Effect for the Foundation’s committees, divisions, & groups.

Michelle Costa was promoted to Accounting Manager (pictured on the right). Congratulations to Michelle for her promotion & thanks for all her hard work & dedication.

The new Whipple Street office space & renovations

Upcoming Conduct of Research Lectures:
8/8/13: Brian Zink, MD
Mentor/Mentee Responsibility & Relationships
11/14/13: Bruce Becker, MD, MPH
Collaborative Research & Data Ownership & Sharing
12/12/13: Clay Merchant, MD, MPH, ScD
Peer Review & Reviewing
3/3/14: Michael Mello, MD, MPH
Authorship & Publication Ethics
4/10/14: Andrew Nathanson, MD & Megan Ranney, MD, MPH
Conduct & Ethical Considerations in Technology-based Research
7/10/14: Lisa Merck, MD, MPH
Emergency Waiver of Consent & Community Consent Provisions
8/7/14: James Linakis, MD, PhD
Vulnerable Populations Research & Risks to Confidentiality, Certificates of Confidentiality, Recruitment Ethics & Ethics of Participant Follow-up
11/13/14: Suzanne Araujo, MPA, CRA
Research Financing