Red Shoe Diary Redux

You can’t always get what you want
You can’t always get what you want
But if you try sometime you find
You get what you need

~ Jagger/Richards

I had to reach farther than Stretch Armstrong to come up with a song pun for this addendum to Resuscitator. Shortly after we sent out the latest edition, several important awards, honors and time-sensitive events arose such that we couldn’t wait for the next full newsletter. So, if you’ll please take a look at our short supplement edition, ‘you get what you need’! We would love to see you all at the Golf Outing as well!

Dr. Robert Erhman Secures Grant to Study Sepsis-Cardiac Dysfunction Relationship

A Wayne State University School of Medicine Emergency Medicine physician has secured a grant from the Society for Academic Emergency Medicine Foundation to examine cardiac function in patients with sepsis admitted through emergency rooms with the aim of establishing individualized resuscitation strategies to improve patient outcomes.

Robert Ehrman, M.D., assistant professor of EM for WSU SOM and assistant director of EM Ultrasound at Sinai-Grace Hospital will use the $150,000 grant to study the relationship between sepsis and cardiac function in the emergency room before the patient has been resuscitated and moved to an intensive care unit. “It is well established that patients with sepsis have varying degrees of cardiac dysfunction, but there is conflicting evidence on if and how this affects patient outcomes,” Dr. Ehrman said.

“Prior studies investigating these associations have all been performed in intensive care units, not the emergency department, and by the time patients arrive in the ICA, a great deal of resuscitation has already taken place. The goal of this study is to investigate the relationship between cardiac function at presentation to the ED, the treatment patients receive—particularly the volume of intravenous fluids received—and patient outcomes.”

Dr. Ehrman said he hopes the improved understanding of cardiac performance during the first 24 hours of treatment for sepsis will allow for more individualized resuscitation strategies, and thus improve patient outcome and overall sepsis care.
2nd Annual DMC International Emergency Medicine Conference

Changing Health Trends in Global Medicine

April 20th, 2017
Registration: 7:00AM
Discussion: 7:20AM - 2PM
Margherio Conference Hall
WSU School of Medicine

Course Directors:
Kristiana Kaufmann, MD MPH
Vijaya Arun Kumar, MD MPH

This conference is designed to inform participants about international emergency medicine and help them appreciate the role of the emergency physician as an advocate for public health. Expect lively discussions and lectures from renowned speakers in their respective fields.

Moderator
Dr. Philip Levy
Professor of EM
Associate Chair for Research
Dept. of Emergency Medicine

Presenter
Dr. Karen Cheeseman
Professor of Pediatrics
Global Health and Diseases
Case Western University

Presenter
Dr. PV Chandrasekhar
Professor of IM
Chief of Infectious Disease
WSU and KGI

Presenter
Dr. Prashant Mahajan
Professor of EM
Vice Chair, Dept. of EM
Division Chief Pediatric EM
University of Michigan

Presenter
Dr. Rockefeller Oteng
Assistant Professor
Dept. of Emergency Medicine
Wayne State University

Presenter
Dr. Aaron Brody
Assistant Professor
Dept. of Emergency Medicine
Wayne State University

This conference is open to medical students, residents, public health personnel, EM physicians, or anyone interested in global health. Please register for the conference using our website:
https://forms.wayne.edu/58d40cb23055/
or feel free to register on-site

DMC
DETROIT MEDICAL CENTER
Wayne State University
School of Medicine

5 CME Credits Available for Attendees
NIH Names WSU/DMC One of Only 11 Nationwide Centers for Acute Care Clinical Research

School of Medicine

The Wayne State University School of Medicine Department of Emergency Medicine and the Detroit Medical Center are one of only 11 institutions in North America recently awarded the Strategies to Innovate EmeRgENcy Clinical Care Trials Network (SIREN) collaborative award by the National Institutes of Health.

The collaboration will execute pre-hospital and acute care clinical trials, recruit and retain difficult to reach emergency care patients, and collaborate with investigators from major U.S. population centers, health care systems and academic environments. SIREN will serve as the clinical recruitment arm for major acute care NIH and Department of Defense research trials.

“I am honored to be a part of such a distinguished team of expert physicians,” said DMC Chief Executive Officer, Anthony Tedeschi, M.D., M.P.H., M.B.A. “This award clearly reflects the outstanding program, leadership, faculty and clinical partnerships engaged around caring for our patients and communities.”

SIREN, according to the NIH, will “harness multidisciplinary emergency care expertise to provide scientific leadership and the infrastructure” necessary to conduct large clinical trials to advance patient management in the pre-hospital and emergency room settings. The 11 hubs will contribute to the network through exemplary execution of clinical trials, including rapid start up and study enrollment, and by providing data in a timely fashion.

SIREN networks will conduct clinical trials that seek to improve the outcomes for patients with neurologic, cardiac, respiratory and hematologic issues, in addition to trauma emergency conditions. Hub sites will participate as clinical sites in every clinical trial performed within the SIREN network. “The beauty of SIREN as compared to other federal grants is that it facilitates collaborations across all departments,” Dr. O’Neil said. The network hubs will select and provide oversight to satellite clinical sites, known as “spokes,” which must facilitate access to even larger patient populations to enroll in clinical trials. The spoke sites also increase access to patients with particular diseases or injuries.

The primary spokes in the WSU/DMC hub now include the University of Michigan, Beaumont Health, Henry Ford Health System, St. John Health System and Spectrum Health System. Other spoke sites may join the Detroit hub in the future.

“The (NIH) reviewers agreed that the significance of the proposal lies in the existing partnership with active clinical trials, with demonstrated potential to meet enrollment goals,” Dr. O’Neil said. “Our strengths include innovative ideas, including the three-tiered methodology for screening and recruitment, a large area with an underserved patient population, a track record of high enrollment rates across specialties, experienced principal investigators with strong established relationships with pre-hospital emergency medical services, and excellent consideration of site training and standard operating procedures.”

“The beauty of SIREN as compared to other federal grants is that it facilitates collaborations across all departments.”

Dr. Brian J. O’Neil, M.D., F.A.C.E.P., F.A.H.A.
Munuswamy Dayanandan Endowed Chair
Specialist in Chief of EM for DMC
2nd Annual Edward S. Thomas Memorial Golf Outing
Detroit Golf Club North Course
Monday, May 15th, 2017
10:30am Driving Range Open & Lunch Served
11:30am Shotgun Start

Celebrate the life and career of Edward S. Thomas by taking part in our second annual charitable event. Support the Edward S. Thomas Section of Community and Public Health while enjoying a wonderful day of golf, to be followed by cocktails and dinner. Don’t miss out on this opportunity to show your support for the WSU SOM and a healthier Detroit!

RESERVE YOUR SPONSORSHIP TODAY!
Fill out and return the form below to:
WSU SOM Department of Emergency Medicine
4201 Saint Antoine Blvd
University Health Center - 6G
C/o Carl Williamson
Detroit MI 48201
Email: carl.williamson@wayne.edu

2017 Edward S. Thomas Memorial Golf Outing Sponsorship Form

☐ $5,000 Faculty Supporter  ☐ $2,500 Fellows Supporter  ☐ $1,000 Friends Supporter  ☐ $1,250 Hole Sponsor  ☐ $1,000 Pin Flag  ☐ $100 Cart Sign

Individual/Company Name_________________________________________ Phone________________________
Address_________________________________________ State_____ Zip Code________________
Email:_____________________________________________________

Checks can be made payable to: Edward S. Thomas Section of Community Health Services
2017 Program Goals
The Edward S. Thomas Section of Community and Public Health has big plans and we need your help!

What does my donation purchase?
Every $1000 we raise will provide:
Follow-up transportation costs for 75 patients or
110 rapid HIV or HCV tests or
1 year of primary care for a hypertensive
or diabetic patient (inc. meds) or
40 blood pressure monitors for hypertensive
patients

Expand
Bring public health initiatives to St. John Providence and Harper Hospital. Begin HbA1c diabetes screening of the public.

Enable
Provide smoking cessation tools and lung cancer screening referrals. Work with Medicaid agencies to improve PCP access.

Engage
Enroll at risk DRH patients in DLIVE programs. Collaborate with faith based community organizations.

2016
Edward S. Thomas
Section of Community and Public Health
Program Accomplishments

Protect
HIV and hepatitis C testing programs were expanded to Sinai Grace Hospital.
18 patients with undiagnosed HIV infections were identified.
45 hepatitis C infected patients were referred to medical care.

Provide
7,637 HIV tests and 3,024 HCV tests were performed.
120 blood pressure monitors were given to patients in need.
Supported WSU School of Medicine community centered co-curricular programs.

Promote
4 health events open to the public were held and sponsored the MedEx conference.
43 victims of violence were enrolled in DLIVE.
16 member Hypertension Community Advisory Board formed.

PLEASE SELECT ONE OF THE FOLLOWING

- Individual Golf (including cocktails & dinner) $250
- Golf Foursome (including cocktails & dinner) $1,000
- Cocktails and Dinner Only $100

I regret that I cannot attend.
I am pleased to send a check in support.

Players in my Foursome
1.
2.
3.
4.

TOTAL AMOUNT ENCLOSED

Enclosed please find my check made payable to:
Edward S. Thomas Section of Community Health Services, a 501c03 charitable organization. The net proceeds of the event will be given to the Edward S. Thomas Endowed Professorship in Emergency Medicine, at Wayne State University School of Medicine.

We encourage non-golfers to join in the fellowship by attending the cocktail reception and dinner.

NAME

ADDRESS

CITY & ZIP

PHONE

EMAIL

For questions, please call 313-745-9269; or email cwilliamson@med.wayne.edu.

PLEASE SEE REVERSE
SAEM Fundraiser

Detroit Tigers vs. Tampa Bay Rays

DETROIT TIGERS SUITE

The SAEM Foundation exists to support career development of our faculty. Recently, the SAEMF expanded our grant programs to include education research grants. These grants provide an avenue for educators to work on improving evaluation and curriculum design, teaching tools, and other educational research projects. This grant program fills a longstanding gap in academic emergency medicine and a great opportunity for faculty development. In the meantime, SAEMF continues to provide research training grants that benefit so many of our faculty and help launch their careers.

What: Detroit Tigers vs. Tampa Bay Rays
Where: Comerica Park
When: Saturday, June 17, 2017 at 4:10 p.m.
Cost: $300 per person

Ticket Includes:
- Beverages (alcoholic and non-alcoholic)
- Food
- One Suite Ticket
- Great company and excellent networking!

To register, please use the link below.
https://forms.wayne.edu/58c2c0153ddf9/

We encourage you to register early so we know how many suite passes will be needed.

For payment, please contact Melissa McMillian at mmcmillian@saem.org or 847-257-7233.
If you have any questions, please contact Cari Williamson at cwilliamson@med.wayne.edu or 313-745-9269.
Wayne State University’s School of Medicine is restructuring its clinical research activity with the creation of the Center for Translational Science and Clinical Research Innovation.

The center, created at the end of last year, aims to consolidate existing resources to at the Detroit university and work more closely with the community to improve health care for the region. At the help is Phillip Levy, M.D., M.P.H., assistant vice president for the center.

“One of our greatest strengths as an academic institution is our patient population,” Levy said in a news release. “Detroiters suffer from substantial health disparities that we need to concentrate on. In conjunction with input from the community, our focus will be to improve health and promote wellness. This will be a center for Detroit, not just a center in Detroit.”

The new center, located at the university’s Integrative Biosciences Center, a 200,000-square-foot medical research facility that opened in 2015, will enable researchers to work closely on projects.

“The idea started three or four years ago with the planning of the biosciences building,” Levy, who also serves as associate chair of clinical research for WSU’s department of emergency medicine, told Crain’s. “We started to think about how multidisciplinary approach could best be accomplished and what resources we needed.”

The clinical research restructuring comes at the same time the medical school is working to erase a $29 million annual deficit that was discovered in 2015. Cost cutting, efficiency and revenue improvements trimmed the deficit to $17 million in 2016.

One of the primary reasons top medical school officials blames for the deficit is underperforming research faculty. For example, the national average for tenured faculty with grants is about 40%. Wayne State’s average recently hovered around 14%, officials said.

During the next three years, up to 40 faculty members—all basic scientists—have agreed to retire or take buyouts, Jack Sobel, M.D., dean of the medical school, told Crain’s in November.

Sobel said Wayne State had recruited additional researchers and the bulk of the faculty now have clearer productivity expectations.

Of the 25-30 staff members now working in the new center, most were reallocated from university’s departments of family and emergency medicine, Levy said. Wayne State will fund the center with upward of $1 million a year, mainly for staff and operational costs.

Levy said the center has not been established through an official charter because “we didn’t want to wait for the lengthy process of getting approval from the board of trustees,” he said.

The center will include six major components, two of which existed before restructuring and two of which are not yet operational.

The Center for community Engagement and Health is a new and functioning element of the center that aims to facilitate the activities of the community, university, government, health care systems and nonprofit organizations.

Levy said community engagement is among the center’s top priorities and he hopes to achieve this through advisory boards, forums, networking and other ways of reaching out.

“There’s often this idea of the conversation between researcher and subject as one-directional,” he said. “But they should be informing us. We have to address the problems they identify.”

Levy also noted the center will shift clinical research toward a more efficient, less transactional approach. “It’s about making more resources more readily available without the perception of having to pay up front for them,” he said.

The center will include an industry-facing entity called Clinical Research One at Wayne, which is a new and functioning entity formed by existing resources from the department of emergency medicine. It will serve as a central point of contact for the university’s industry partners, coordinating industry-funded research, budgets, contracts and trial designs.

“The goal is to proved a one-stop shop for industry partners seeking to conduct research, which can in turn lead to growth in our technology commercialization potential,” Levy said.

Clinical Research One has already secured $3 million in contract, Levy said. One is with California-based Edward Lifesciences for evaluation of a new device for noninvasive hemodynamic monitoring. Others include California-based Amgen Inc. and New York-based Bristol-Myers Squibb Co. for clinical heart failure trials.

Both the OnCore Specimen Repository and 4,900-square-foot Clinical Research Service Center existed but have been augmented, Levy said. The biorepository has added staff, including dedicated laboratory personnel and an expanded clinician presence, while the research center received enhanced data warehousing capabilities.

The Big Data Analytics Core and Epidemiology and Biostatistical Core are new components are works in progress.

“We have the basic structure in place to build upon,” Levy said, adding that both should be fully functional in six months to a year.

The data analytics core is being formed from existing computer data science resources, Levy said, while the goal for the epidemiology and biostatistical core is to expand resources in the clinical research center, which currently include five biostatisticians and one epidemiologist.

After the center becomes functional in all components, future expansion goals include neuroimaging and bio behavioral methodology and analysis, Levy said.

“The center was built to grow,” Levy said. “It’s not reactionary.”

“A P R I L  2 0 1 7  P A G E  7

Wayne State Medical School Restructures Clinical Research Under New Center

Original article was published on Crain’s Detroit Business Website on 2-20-2017

Author, Kurt Nagl with contributions from Jay Greene

Dr. Phillip Levy, M.D., M.P.H., F.A.C.E.P., F.A.H.A.
Associate Research Director of EM Assistant Vice President for Translational Sciences and Clinical Research Innovation for WSU

“It’s about making more resources readily available without the perception of having to pay up front for them.”
Welcome New Detroit Receiving Hospital Residents!

Detroit Receiving Hospital Emergency Medicine Residency
Class of 2020

Rebecca Bajkowski
Wayne State University
School of Medicine

Justin Bedford
Wayne State University
School of Medicine

Martha Bucarino
Wayne State University
School of Medicine

Robert Dikeman
Wayne State University
School of Medicine

Macklyn Karnitis
Northeastern Ohio University

Thomas Liu
Wayne State University
School of Medicine

Matthew McRae
Wayne State University
School of Medicine

Molly Melham
University of Illinois COM - Urbana

Bradley Smith
Wayne State University
School of Medicine

Neha Sykes
Wayne State University
School of Medicine

James Vandenberg
Washington University – St. Louis

Molly Vincent
Wayne State University
School of Medicine

George Waryński
Rush Medical College

Jeren Wong
Wayne State University
School of Medicine
Welcome New Sinai-Grace Hospital Residents!

Sinai-Grace Hospital Emergency Medicine Residency
Class of 2020

Brandon Baker
brbaker@med.wayne.edu
Wayne State University

Nasser Bazoum
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Michigan State University

Luke Collins
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Indiana University

Ernest Foley
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Ohio State University
We at the Resuscitator would like your input. We would love to hear from both our faculty and our graduates scattered throughout the country. If any of you have any gripes, concerns or comments, please submit them to me or Cari Williamson for publication in the “Ventilator” column. If you have any funny stories or anecdotes, we will try to include them in the “Doctor Aware” column. For the creative among you, please feel free to send me any artistic pursuits you would like to share. Finally, to our core faculty and researchers, please send me information about your on-going or future projects.