WELCOME: THE VICE CHAIR’S CORNER

The transition from winter to spring always reminds me of the following quote:

*The only thing that lasts forever is the certainty of change.*

– Bruce Dickinson

Our research mission is indeed in a period of rapid growth and transformation (i.e., “change”). We continue to grow our clinical trials portfolio with several NIH Strategies to Innovate EmeRgENcy Care Clinical Trials Network (SIREN) protocols scheduled to start in 2018 with guidance from our Clinical Trials Specialist, Tehseen Sarwar. Based upon our successes with implementing EMR-driven screening for HIV and hepatitis C as part of the prestigious Gilead Sciences FOCUS program, we have been selected to receive a second year of funding. We conducted 11,279 HIV/HCV tests in the first nine months of the program at five sites (Ruby Memorial Emergency Department, our three urgent care centers, and Chestnut Ridge Hospital), which puts us on track to conduct over 15,000 tests in the first year alone. This represents an almost 5000% increase from the 600 tests we performed in the previous calendar year. Importantly, we have also successfully linked 100% of HIV positive and 73.6% of HCV positive individuals to care. These rates far exceed other urban FOCUS partnerships despite the transportation challenges encountered in our rural setting. Therefore, kudos are in order to our Patient Navigators, Justin Burns and Elena Wojcik, and FOCUS Coordinator, Mindy Sharon, for these program successes. This second year of funding will allow us to expand our screening to additional sites throughout the healthcare system. We are currently publishing our methodology and results to assist other rural locations that are grappling with the hepatitis C epidemic, and recently had an abstract accepted for presentation at the annual Society for Academic Emergency Medicine (SAEM) meeting in Indianapolis, Indiana. In addition to this abstract, I’m happy to report that we had six additional abstracts accepted for presentation (3 lightning orbs, 4 posters) for a total acceptance rate of 70%. Many thanks to our Scientific/Technical writer, Mindy Sharon, for her tireless efforts to increase our presentations and publications. Finally, Dr. Danielle Davidov has returned from maternity leave and is actively continuing her work on intimate partner violence in the Appalachian setting.

In the midst of this exciting growth, it is with both great sadness and excitement that I reflect upon my own forthcoming change. As many of you know, I have accepted a faculty appointment in the School of Public Health, and will be leaving emergency medicine on a full-time basis in early June after 18 years of service. I have literally spent half of my life with the department, and in my youth I, too, believed that my time here would last forever. It has truly been the honor of a lifetime to serve you to the best of my ability with the goal of growing our academic pursuits. I will, however, be around to assist the next Vice-Chair for Research and Scholarship during this transition period, and I have been granted the privilege of retaining my adjunct faculty appointment. Thank you for giving me this amazing opportunity! I look forward to my continued collaborations with you in the future.

NEWS & ANNOUNCEMENTS

DEM had a successful abstract season this winter, with 7 abstracts accepted for presentation to the Society for Academic Emergency Medicine.
Congratulations to Chris Kiefer and Erica Shaver for having their abstracts accepted to the upcoming Council of Emergency Medicine Residency Directors (CORD) annual meeting: “Are ACGME Duty Hour Restrictions Associated with Improved Academic Performance?” & “A Simulated Standardized Video Interview: Alleviating Student Concerns while Effectively Simulating Content.”

Congratulations to Tom Marshall for presenting a poster entitled “ED Efficiency: Does Transition to an Enterprise EMR from an ED-Specific EMR Alter ED Efficiency?” at the Innovations in Emergency Department Management conference in February.

We will be implementing a new Academic Associate protocol in the ED, Student Health, and Suncrest Urgent Care starting Monday, March 19th. Drs. Balcik, Monseau, Pagenhardt, and Patel (PGYII) are testing the feasibility of using the Sport Concussion Assessment Tool – 5th Edition (SCAT-5) in acute care settings. We will be seeking to enroll patients at all 3 sites who have hit their head (Experimental Group) as well as those who have not (Control Group). This assessment will take a few extra minutes than other AA protocols, so please be patient with us as we begin working towards the most efficient implementation. If there are any questions, please reach out to the investigators and/or the Research Division.

Abstract submissions are currently open for the 6th World Congress, Ultrasound in Medical Education (WCUME) until June 30th.

Brian Dilcher (PGYII) and Jessie Neidhardt (PGYIII) will be presenting their projects at AIUM’s Annual Convention coming up at the end of March 2018.

UPCOMING CONFERENCES


WVU Departments of Medicine & Emergency Medicine Research Day. Fukushima Auditorium. April 27, 2018, from 8 a.m. to 4:30 p.m.


Sixth World Congress Ultrasound in Medical Education (WCUME). Winston-Salem, NC. September 13-16, 2018.

ACTIVE FUNDING: DEM ON THE MOVE

Active Grants

Co-I: Dr. Danielle Davidov
The Effects of Using High Fidelity Simulation to Train Providers to Screen for and Intervene in Cases of Intimate Partner Violence in a University Department of Pediatrics.
08/2017 – 07/2018

Co-PI: Dr. Danielle Davidov
The West Virginia Asking Women About Relationship Experiences (AWARE) Project (PCORI).
06/2017 – 07/2018

Co-I: Dr. Danielle Davidov
Growing Researcher and College Communities Supporting Violence Prevention Research (CDC).
09/2015 – 08/2019

Active Industry Sponsored Contracts

PI: Dr. Ian Martin & Co-PI: Dr. Carmen Burrell
Gilead FOCUS Partnership: Scaling Up Screening for HIV and Hepatitis C Virus in West Virginia Clinical Settings.
06/2017 – Present
RESEARCH SPOTLIGHT:
SAEM ACCEPTED PRESENTATIONS

The following abstracts were adopted for presentation:

Danielle Davidov, Mindy Sharon, Lauren Risser. Intimate partner violence screening in acute care centers: Procedures and patient preferences. (ePoster)

Courtney Cundiff (PGYIII), Justin Spratt, Mindy Sharon, Justine Pagenhardt, Nicole Dorinzi, Steve Davis. Characteristics of emergency department patients presenting with trauma-activation: An evaluation of activation accuracy and resource utilization. (ePoster)

Steve Davis, Mindy Sharon, Judith Feinberg, Carmen Burrell, Owen Lander, Justin Burns, Elena Wojcik, Ian Martin. Electronic medical record-based routine hepatitis C screening in an Appalachian emergency department: The critical importance of patient navigators enhancing linkage to care. (ePoster)

Allison Tadros, Mindy Sharon, Steve Davis, Erica Shaver, Danielle Davidov. Hospitalizations of older patients with human immunodeficiency virus in the United States: An update. (Oral Presentation)

David Henkel (PGYIII), Chris Kiefer, Roger Tillotson, Ann Murray, Steve Davis, Mindy Sharon, Matt Smith. Reliability of emergency medical services reported last seen normal times in patients with acute stroke symptoms. (ePoster)

Candice Brown, Tehseen Sarwar, Mindy Sharon, Kristine Robinson, Steve Davis, Andrew Miller. Integrated serum metabolomics and proteomics profiling reveals sex differences in sepsis patients. (Oral Presentation)

Andrew Miller, Tehseen Sarwar, Mindy Sharon, Kristine Robinson, Steve Davis, Candice Brown. Alkaline phosphatase isoenzymes as sex-specific biomarkers among emergency department sepsis admissions. (Oral Presentation)

If you are interested in practicing your presentation at an upcoming research meeting, please reach out to the Research Division.

PUBLICATIONS

Manuscripts Recently Published


Manuscripts Recently Accepted for Publication

Clara Kraft, Benjamin Lasure (PGYIII), Mindy Sharon, Paulina Patel (PGYII), Joseph Minardi. Pediatric lung abscess: Immediate diagnosis by POCUS. Accepted to Pediatric Emergency Care.

Kristin Meigh (MSIII), Madison Caja (MSII), Mindy Sharon, Allison Tadros, Shane Dragan, David Henkel (PGYIII), Joseph Minardi. Takotsubo cardiomyopathy in the emergency department: A FOCUS heart breaker. Accepted to Clinical Practice & Cases in Emergency Medicine.
Manuscripts Currently Under Review


Carmen Burrell, Mindy Sharon, John Bassler, Danielle Davidov. Gender Differences in Sexual Health Knowledge Among Emerging Adults in Emergency Department and Urgent Care Settings. Submitted to Emerging Adulthood.


Joseph Minardi, Kristen Craig, Theresa Foreman, Mindy Sharon, Steve Davis, Anthony Machi (MSIII), Nick Denne, et al. Longitudinal ultrasound curriculum incorporation at West Virginia University School of Medicine: A description and graduating students’ perceptions. Submitted revisions to Journal of Ultrasound in Medicine.


Allison Tadros, Kristen Craig, Mindy Sharon, Bill Krantz. Characteristics and management of emergency department patients presenting with C2 cervical spine fractures. Under review at WestJEM.

HOW ARE WE DOING?

Number of published manuscripts by Academic Year.

UPCOMING DEM RESEARCH MEETINGS

The monthly DEM Research Meetings have been moved to immediately following the DEM Department Meetings.

DEM Research Meeting – March 21 @ 10:00am
DEM Research Meeting – April 11 @ 10:00am