WELCOME: THE VICE CHAIR’S CORNER

The winter holiday season provides an opportunity to stop and reflect on both the blessings and accomplishments of the previous year and the exciting forthcoming scholarly projects in our future. The start of Academic Year (AY) 2018 has witnessed the growth and development of strong scholarly partnerships with three industry sponsors (Gilead Pharmaceuticals, General Electric (GE), and Cepheid). In the past six months, we have conducted over 8000 HIV and hepatitis C screening tests as part of our Gilead Pharmaceuticals FOCUS program, and our patient navigators (Justin Burns and Elena Wojcik) have worked diligently around the clock to successfully link seropositive patients to lifesaving treatment. We are currently working with Gilead to expand this program to other clinical sites during AY 2019. Dr. Joe Minardi and Mindy Sharon have continued to grow our strong partnership with GE. Recently, Dr. Minardi and his team, held a very successful GE sponsored workshop in the WVU Simulation Training and Education for Patient Safety (STEPS) center on ultrasound guided regional anesthesia. This workshop was viewed in real time by a national and international audience with more workshops planned in the future. We will continue to very closely with GE during the remainder of AY 2018 and in AY 2019 on the development, testing, and implementation of new sonographic technologies that provide exciting opportunities to enhance patient care. As flu season approaches, we have implemented our second Cepheid sponsored study in the emergency department that seeks to develop point-of-care PCR testing for influenza and respiratory virus syndrome with a third study planned for implementation in AY 2019. Additionally, we accepted an invitation to join the National Institutes of Health (NIH) Strategies to Innovate EmReGnEcy Care Clinical Trials Network (SIREN) Network. The goal of the SIREN Network is to improve the outcomes of patients with neurologic, cardiac, respiratory and hematologic emergencies by identifying effective treatments given in the earliest stages of care. We will be serving as a spoke site to the University of Pittsburgh SIREN hub. Our Clinical Research Specialist, Tehseen Sarwar, is currently spearheading efforts to implement various SIREN protocols at WVU. To reflect the diversity of the emergent conditions we study, our group’s name has been changed to West Virginia University Department of Emergency Medicine Center for Acute Care Research. On an exciting note, Dr. Danielle Davidov and her husbandJames, welcomed Jonah Potts to the DEM family on November 8th!! By far, my largest personal blessing is the amazing research team that I have had the honor of leading that is directly responsible for the successes of our scholarly mission. To this end, I would like to offer a personal “thank you”, and wish all faculty and staff a safe and restful holiday season with family and friends.

NEWS & AWARDS

SAEM abstract submissions will be accepted from November 1, 2017 – January 2, 2018. If you are interested in submitting an abstract for consideration to the conference, please let the Research Team know! We have services to assist with the development/writing for submission.

Congratulations to Erich Lidstone (PGYIII) for his presentation in Argentina for his poster titled “Early
Recognition of Left Ventricular Aneurysm with Point-of-Care Ultrasound at the WINFOCUS 13th World Congress.

Congratulations to both Brian Dilcher (PGYII) and Jessie Neidhardt (PGYIII) for having their abstracts recently accepted to AIUM’s Annual Convention coming up in March 2018.

**UPCOMING CONFERENCES**


**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 AWARE Collaborative for Intimate Partner Violence Screening (PCORI). 06/2016 – 4/2017

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

**Grant Applications, Under Review**

Justine Pagenhardt, Nicole Dorinzi, Clara Kraft, Joseph Minardi. ONSD to estimate ICP in a neurological critical care unit: Training & skill mastery. Submitted to AEUS Research Grant (SAEM).

**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 – TBD

**PI: Dr. Owen Lander**
Protocol 031S: Nasal Swab and Nasopharyngeal Swab Specimen Collection for use with Xpert® Xpress Flu and/or Flu/RSV Assays. 11/2017 – TBD

**RESEARCH SPOTLIGHT**

Meet Dr. Erica Shaver.

Dr. Shaver is the Vice Chair of Education and Training, as well as Residency Program Director in the Department of Emergency Medicine. Her current research interests include resident education and recruitment, quality improvement education, and medical education. She is currently drafting a manuscript related to her project on the AAMC’s newly implemented Standardized Video Interview (SVI) for medical students applying to Emergency Medicine residency. In addition, Dr. Shaver recently submitted two abstracts for consideration to the 2018 CORD Annual Meeting with her partner in crime, Dr. Chris Kiefer. As a working mom of two beautiful children, Madison and Rylan, Dr. Shaver is a prime example of the successful balance between clinical shifts, education, research & scholarship, and family life. The Research Division would like to give kudos to Dr. Shaver for all of her hard work and progress she has made in the realm of research and scholarship this past year!
PUBLICATIONS

Manuscripts Recently Published


Manuscripts Recently Accepted for Publication

Brandon Wilson (PGYI), Nicole Dorinzi, Justine Pagenhardt, Joseph Minardi. Bilateral internal jugular thrombosis: Immediate diagnosis using POCUS. Accepted at *West Virginia Medical Journal*.

Jessica Lear, Jeffrey Lancaster, Richard Brant, Brian Riedel, Joseph Minardi. Eosinophilic gastroenteritis presenting as chyulous ascites. Accepted at *Pediatrics in Review*.

Manuscripts Currently Under Review


Danielle Davidov, Jessica Coffman, Angela Dyer, Thomas Bias, Alfgi Krjstjasson, Michael Mann, Emily Vasile, Christiaan Abildso. Assessment and response to intimate partner violence in home visitation: A qualitative needs assessment with home visitors in a statewide program. Under review at *Journal of Interpersonal Violence*.

Clara Kraft, Benjamin Lasure (PGYII), Mindy Sharon, Paulina Patel (PGYII), Joseph Minardi. Pediatric lung abscess: Immediate diagnosis by POCUS. Under review at *Pediatric Emergency Care*.

Joseph Minardi, Kristen Craig, Theresa Foreman, Mindy Sharon, Steve Davis, Nick Denne, et al. Longitudinal ultrasound curriculum incorporation at West Virginia University School of Medicine: A description and graduating students’ perceptions. Under review at *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*.


Kristin Meigh (MSIII), Madison Caja (MSII), Mindy Sharon, Allison Tadros, Shane Dragan, David Henkel (PGYII), Joseph Minardi. Takotsubo cardiomyopathy in the emergency department: A FOCUS heartbreaker. Under review at *Clinical Practice and Cases in Emergency Medicine*. 


Terri Davis (MSIV), Chuck Whiteman, Nicole Dorinzi, Justine Pagenhardt, Mindy Sharon, Joseph Minardi. Ultrasound first strategy in acute diverticulitis: An emergency medicine POCUS case series. Under review at Case Reports in Emergency Medicine.

Manuscripts Currently Under Development

If you are interested in being a part of any of the following select manuscripts under development, please contact the Research Division or any of the listed authors for more information!

**Topic:** FOCUS in ED  
**Authors:** Steve Davis, Mindy Sharon, Ian Martin  
**Current Status:** In Writing

**Topic:** AAMC Simulated SVI  
**Authors:** Chris Kiefer, Erica Shaver  
**Current Status:** In Writing

**Topic:** Worker’s Comp in ED  
**Authors:** Allison Tadros, Nick Chill (PGYII), Mindy Sharon, Shane Dragan  
**Current Status:** In Writing

**Topic:** EMS Last Seen Normal  
**Authors:** David Henkel (PGYIII), Chris Kiefer  
**Current Status:** In Planning

**Topic:** Patient Safety Screening  
**Authors:** Danielle Davidov, Mindy Sharon  
**Current Status:** In Planning

**Topic:** Academic Associates  
**Authors:** Mindy Sharon, Steve Davis, Danielle Davidov  
**Current Status:** In Writing

HOW ARE WE DOING?

Number of published manuscripts and chapters broken down by Academic Year.

Number of recent 2017-2018 AY publications & presentations.

UPCOMING DEM RESEARCH MEETINGS  
DEM Research Meeting – December 14 @ 1:15pm  
DEM Research Meeting – January 11, 2018 @ 1:15pm