26th Annual Emergency Medicine Research Forum Schedule

7:00am  Registration, Continental Breakfast
8:00am  Welcome
8:15am  **Abstract 1:** Evaluation of Fluid Resuscitation in Patients with Severe Sepsis and Septic Shock  
*Presenting Author:* Michael Ward, MD  
*Co-Authors:* Hani Kuttab, MD; Joseph Lykins, BS; Michelle Ho, MD; Eric Keast, MD; Mobola Kukoyi, MD; Jason Kopec, MD; Stephen Hall, MS; Kristen Wroblewski, MS

8:29am  **Abstract 2:** Using Provider Gestalt for the Field Triage of Injured Children  
*Presenting Author:* E. Brooke Lerner, PhD  
*Co-Authors:* Jeremy T Cushman, MD, MS; Mohamed Badawy, MD; Amy L Drendel, DO; Courtney MC Jones, PhD, MPH; Manish S. Shah, MD, MPH; Nicole Fumo MPH; David M Gourlay, MD

8:57am  **Abstract 3:** Mental Illness and Opioid-Related Risk at 4 Weeks Post-Discharge Following Traumatic Injury: A Prospective Study  
*Presenting Author:* Bailee Stark, BS  
*Co-Authors:* Christopher Nicholas, PhD; Bri Deyo, DO; Courtney Jones, PhD, MPH; Manish N. Shah, MD, MPH; Nicole Fumo MPH; David M Gourlay, MD

9:11am  **Abstract 4:** Observing Pneumothoraces: The 35mm rule is safe for both Blunt and Penetrating Chest Trauma  
*Presenting Author:* Savo Bou Zein Eddine, MD  
*Co-Authors:* Kelly A. Boyle, MD; Christopher M. Dodgion, MD, MSPH, MBA; Christopher S. Davis, MD, MPH; Jeremy S. Juern, MD; David J. Milia, MD; Thomas W. Carver, MD; Panna A. Codner, MD; Mark A. de Moya, MD

9:39am  Break
9:54am  **Abstract 7:** Performance of an Automated Severe Sepsis Screening Tool in the Emergency Department  
*Presenting Author:* Brian Sharp, MD  
*Co-Authors:* Jamie Santistevan, MD; Azita Hamedani, MD, MPH; Erin Werner, PA-C; Julianna Spranger, MHI

10:02am  **Abstract 8:** Percent Change from Pre-Injury Blood Pressure is an Independent Predictor of Mortality in Elderly Trauma  
*Presenting Author:* Savo Bou Zein Eddine, MD  
*Co-Authors:* Kelly A. Boyle, MD; Colleen M. Trevino, RN, NP, PhD; Christopher M. Dodgion, MD, MSPH, MBA; Jeremy S. Juern, MD; Thomas W. Carver, MD; Christopher S. Davis, MD, MPH; David J. Milia, MD; Panna A. Codner, MD; Jake Peschman, MD; Travis Webb, MD; Marc A. de Moya, MD

10:10am  **Abstract 9:** Diagnostic Accuracy of MR and US for Evaluation of Female Pelvic Pathology  
*Presenting Author:* John Harringa, BS  
*Co-Authors:* Rebecca Bracken, BA; Perry J. Pickhardt, MD; Timothy Ziemlewicz, MD; Meghan Lubner, MD; B. Keegan Markhardt, MD; Scott Reeder, MD, PhD; Michael Repplinger, MD, PhD

10:18am  **Abstract 10:** Minding the Gap: Understanding Clinician Experience to Improve Care for Critically Ill Children in the General Emergency Department  
*Presenting Author:* Lindsey Query, MD  
*Co-Authors:* Krisjon R. Olson, PhD; Michael T. Meyer, MD, MS; Amy L Drendel, DO, MS

10:26am  **Abstract 11:** Patient Preferences Regarding Choice of Imaging for the Evaluation of Pulmonary Embolism  
*Presenting Author:* Rebecca Bracken, BA  
*Co-Authors:* Kenneth D. Croes, PhD; Michael D. Repplinger, MD, PhD
10:34am  **Abstract 12:** Impact Of Non-Indicated Antibiotic Prescribing For Respiratory Conditions On Patient Satisfaction  
*Presenting Author:* Steven Hesse, BS  
*Co-Authors:* Rebecca Schwe MPH; Michael S Pulia MD, MS

10:42am  **Abstract 13:** A review of lacosamide exposures as reported to U. S. poison centers  
*Presenting Author:* John Teijido, MD  
*Co-Authors:* Derek Kempf; Elizabeth Laubach PharmD; Mathew Stanton PharmD; Amy Zosel MD; Doug Borys PharmD

10:50am  **Abstract 14:** Finding the right patient: An interprofessional approach to defining oritavancin use criteria in the Emergency Department  
*Presenting Author:* Jared Baxa, BA  
*Co-Authors:* Erin K. McCreary, PharmD, BCPS; Lucas T Schulz, PharmD, BCPS (AQ-ID); Michael S. Pulia, MD, MS, FAAEM, FACEP

10:58am  **Abstract 15:** Drivers and Timing of Interhospital Transfers of Emergency General Surgery Patients  
*Presenting Author:* Jennifer Philip, MD  
*Co-Authors:* Megan C. Saucke, MA; Jessica R. Schumacher, PhD; Sara Fernandes-Taylor, PhD; Jeffrey Havlena, MS; Caprice C. Greenberg, MD, MPH; Angela M. Ingraham, MD, MS

11:06am  **Abstract 16:** Assessing Second Victim Syndrome among Emergency Medicine Physicians  
*Presenting Author:* Alicia Pilarski, DO  
*Co-Authors:* Morgan Schwoch, BS

11:14am  **Abstract 17:** Identifying Factors Impacting Time to Magnetic Resonance Imaging for Emergency Department Patients  
*Presenting Author:* Matt Hughes, BS  
*Co-Authors:* Rebecca Bracken, BA; Michael Repplinger, MD, PhD

11:30am -12:30pm   **Poster Session/Lunch/Exhibitor Visitation**

**Poster 1:** Tachydyssrhythmias  
*Presenting Author:* Nicole Lopez, MD  
*Co-Author:* Jamie Aranda, MD

**Poster 2:** Focal Neurologic Complaint  
*Presenting Author:* Kili O’Bryant, MD  
*Co-Author:* Caroline Pace, MD

**Poster 3:** Direct vs. Video Laryngoscopy in a Helicopter Emergency Medical Service (HEMS) Setting: A Retrospective Comparison  
*Presenting Author:* Jens Olsen, MD  
*Co-Author:* Timothy Lenz, MD

**Poster 4:** Hemodynamics in Aeromedical Patients Undergoing Rapid Sequence Intubation with Etomidate or Ketamine  
*Presenting Author:* Scott Kunkel, MD  
*Co-Author:* Timothy Lenz, MD

**Poster 5:** Pelvic Pain and Vaginal Bleeding  
*Presenting Author:* Elena Kossyrev, MD  
*Co-Author:* Jamie Aranda, MD

**Poster 6:** Patient At Risk: Emergency Medical Service Providers’ Opinions on Improving an Electronic Emergency Information Form for the Medical Care of Children with Special Health Care Needs in Wisconsin  
*Presenting Author:* Quinn Piibe, BA  
*Co-Authors:* Marlene Melzer-Lange, MD; Erica Kane, MS; Kathleen Beckmann, DO

**Poster 7:** Acceptability of Simulation Based Education Among Emergency Medical Services Providers  
*Presenting Author:* Michael Mancera, MD  
*Co-Authors:* Megan Gussick, MD; Michael Lohmeier, MD; Manish N. Shah, MD, MPH; Ryan Thompson, MD

**Poster 8:** Outcomes of Amiodarone Exposures Reported to US Poison Centers  
*Presenting Author:* Matthew Stanton, PharmD  
*Co-Authors:* Steven Obenberger; Douglas Borys, PharmD; Amy Zosel, MD; Mark Kostic, MD; David Gummin, MD
Poster 9: Pre-populated airway tray: Resident perspectives 6 months after implementation  
Presenting Author: Matthew Kalisz, MD  
Co-Authors: James Svenson MD; Michael Steuerwald, MD  
Poster 10: Increasing Referrals to Opioid Use Disorder Treatment Services: Provider Perspectives and the Impact of System Changes  
Presenting Author: Michael Muradian, BS  
Co-Authors: Amy Zosel MD, MSCS; Jennifer Hernandez-Meier Ph.D  
Poster 11: Improved ED Efficiency with Split Vertical Flow Model vs. Traditional Flow Model with Fast Track  
Presenting Author: Jamie Goehner, MD  
Co-Author: Daniel Mielnicki, MD  
Poster 12: Characterizing Essential Oil Ingestions in Children Less Than 7 Years-old  
Presenting Author: Amy Zosel, MD  
Co-Author: Jennifer Deede, BSN  
Presenting Author: Matthew O’Connor, MD  
Co-Authors: Michael Lohmeier, MD; Michael Mancera, MD; Conrad Williamson, MD  
Poster 14: Implementation of Nitrous Oxide Program in a Pediatric Emergency Department  
Presenting Authors: Diana Vu, MD; Katherine Bakewell, MD  
Co-Authors: Danielle Babb, MS; Nicholas Kuehnel, MD; Michael Kim, MD  
Poster 15: Improving the Efficiency of an Emergency Department Evaluation for Injured Children  
Presenting Author: Ashley Stoeckel, BS  
Co-Authors: David Gourlay, MD; Amy Drendel, DO  
Poster 16: Characterization of Prescription Drug Monitoring Program’s Use by Emergency Physicians at Froedtert Hospital  
Presenting Author: Sierra Tackett, BS  
Co-Author: Amy Zosel, MD, MSCS  
Poster 17: Effects of a Disaster Training Curriculum in a Multi-Organization Campus On Self-Assessment of Disaster Competency  
Presenting Author: Anthony Nuval, MD  
Co-Author: J. Marc Liu, MD, MPH  
Poster 18: Evaluation of Drug Level Timing in the Emergency Department  
Presenting Author: Emily Zimmerman, PharmD, BCPS  
Co-Author: Heather LaRue, PharmD, BCCCP  
Poster 19: Procedurepalooza – A Curriculum Adjunct Integrating Clinical Skills and Techniques for Preclinical Students  
Presenting Author: Jesse Terrell  
Co-Authors: Erik Black PhD; Richard Petrik MD; Matthew Ryan MD, PhD  
Poster 20: A Survey of Target Audience Opinions on the Characteristics for a Novel Medical Intelligence Report  
Presenting Author: Sela Sherr, BA  
Co-Author: J. Marc Liu, MD, MPH  
Poster 21: Using a Human Factors Approach to Design a Pulmonary Embolism Computer Decision Support Tool for the Emergency Department  
Presenting Author: Megan Salwei, MS  
Co-Authors: Peter Hoonakker, PhD; Ann Schoofs Hundt, PhD; Peter Kleinschmidt, MD; Clair Novak, BS; Brian Patterson, MD, MPH; Michael Pulia, MD, MS; Yudi Wang, MS, MS; Doug Wiegmann, PhD; Emily Wirkus, MPH; Pascale Carayon, PhD  
Presenting Author: Connie Wu, MPH  
Co-Authors: Jen Birstler, MS; Brian Patterson, MD, MPH; Michael Kim, MD  
Poster 23: Increasing compliance with repeat lactate measurement utilizing automated repeat lactate ordering  
Presenting Author: Brian Sharp, MD  
Co-Authors: Jamie Santistevan, MD; Joseph S Brantman, MD; Michael Pulia, MD, MS; Danielle Babb, MSHCPM; Julianna Spranger, MHI; Azita Hamedani, MD, MPH, MBA
Poster 24: EHR Flowchart of Information Search for Cues of PE Diagnosis in the ED
Presenting Author: Yudi Wang, MS
Co-Authors: Yudi Wang, MS; Brian Patterson, MD, MPH; Shashank Ravi, MD; Douglas Wiegmann, PhD; Ann Hundt, PhD; Peter Hoonakker, PhD; Peter Kleinschmidt, MD; Megan Salwei, MS; Emily Wirkus, MPH; Pascale Carayon, PhD

Poster 25: The Relationship between IVC and Internal Jugular Vein Collapsibility in Sepsis Patients in the Emergency Department
Presenting Author: Michael Ward, MD
Co-Authors: Joshua Wunder, MD; Brian Sprouse, MD; Gregg Helland, MD; Kenneth Young, MD

Poster 26: A Graduated Responsibility Supervising Resident Experience Using Mastery Learning Principles
Presenting Author: Kevin Emmerich, MD
Co-Authors: Benjamin H. Schnapp, MD; Aaron Kraut, MD; Sarah Fallon, BA; Madelyn Klabunde, BS; Mary Westergaard, MD

Poster 27: Development and Implementation of a Risk Stratification Scoring System for Identifying Medications for Prospective Pharmacist Order Review in the Emergency Department
Presenting Author: Aaron O’Connell, PharmD
Co-Authors: Justin Konkol, PharmD, BCPS; Terry Audley, RPh, FASHP; Jessica Cowell, PharmD, BCCCP; Cathyyen Dang, PharmD, BCPS; Ryan Feldman, PharmD, BCPS; Matt Stanton, PharmD, BCPS, ABAT; Erin Turk, PharmD; Ryan Szaniawski, PharmD; Nitish Bangalore, PharmD, BCPS

Poster 28: Healing through Efficacy and Learning of Pediatric Pain in the Emergency Department
Presenting Author: Bat-Zion Hose, BS
Co-Authors: Abby Hammes MSN, RN-BC; Tola Ewers, MS, PhD

Poster 29: Characterization of Oral Factor Xa Inhibitor Exposures reported to US Poison Centers
Presenting Author: Ryan Feldman, PharmD, BCPS
Co-Authors: Kailin Ewert, PharmD; Amy Zosel, MD

Poster 30: The Impact of a Post-Event Continuous Quality Improvement Method on ROSC and Patient Survival to Hospital Discharge
Presenting Author: Ben Hermanson, DO
Co-Authors: M. Riccardo Colella, DO, MPH; Benjamin W. Weston, MD, MPH; Tom P. Aufderheide, MD, MSc, FACEP, FACC, FAHA

Poster 31: Implementation of Low Risk Pulmonary Embolism Discharge Pathway
Presenting Author: James Jin, MD
Co-Author: John Ray, MD

12:30pm Key Note Presentation, Erik Hess, MD, MSc

Research Awards will be presented at the conclusion of the Key Note Presentation