

DEPARTMENT of EMERGENCY MEDICINE Research Showcase

HUB Room 145



May 9th, 2019

Implementation of a Standardized Hand-off Tool in the Emergency Department.

Emily Bartlett, MD, MS, MSc; Elizabeth Harmon, MD; Antonia Nemanich, MD; Rhadika Souza, MD; Marie C. Vrablik, MD, MCR

Presenter: Emily Bartlett, MD, MS, MSc, R3; Mentor - Marie C. Vrablik, MD, MCR

Firearm-Related Injuries Discharged from the Emergency Department: Informing a Social Intervention.

David Cheever, MD, MS; Ali Rowhani-Rahbar, MD, PhD; Frederick Rivara, MD, MPH; Jin Wang, PhD, MS; Kevin Haggerty, PhD; Anthony Floyd, PhD; Vivian Lyons, MS; Lauren Whiteside, MD, MS

Presenter: David Cheever, MD, MS, R4; Mentor – Lauren Whiteside, MD, MS

Expedited Emergency Department Follow-up at a Hospital-Based Transitional Care Clinic.

David Cheever, MD, MS; Rachel Harper, MD; Anastasia Kendrick-Adey, MD; Amber Sabbatini, MD, MPH, FACEP

Presenters: David Cheever, MD, MS, R4; Rachel Harper, MD; Anastasia Kendrick-Adey, MD; Mentor – Amber Sabbatini, MD, MPH, FACEP

Creating a Safety Net in Washington: Establish a Regional Program for the Initiation of Buprenorphine for Opioid Use Disorder from the Emergency Departments in King County.

Callan Fockele, MD, MS; Herbert Duber, MD, MPH; Brad Finegood; Lauren Whiteside, MD, MS

Presenter: Callan Fockele, MD, MS, R3; Mentor – Lauren Whiteside, MD, MS

Fatality from Potassium Gold Cyanide Poisoning.

Elizabeth Harmon, MD; Jacob Lebin, MD; David Murphy, MD; Bjorn K. Watsjold, MD, MPH

Presenter: Elizabeth Harmon, MD, R3; Mentor - Bjorn K. Watsjold, MD, MPH

Use of Scene Temperature and Surveillance Case Definitions to Identify Patients with Suspected Heat Illness in the Pre-Hospital Setting in Ahmedabad, India.

Nikhil Ranadive, MS; Jayraj Desai, MD; Sathish LM, MS; Kim Knowlton, DrPH; Priya Dutta, PhD; Parthasarathi Ganguly, MD; Abhijant Tiwari, MS; Anjali Jaiswal, JD; Amit Begda, MD; Tejas Shah, MD; Bhavani Solanki, MD; Dileep Mavalankar, MD, PhD; Jeremy J Hess, MD, MPH

Presenters: Jeremy J Hess, MD, MPH; Nikhil Ranadive

Very Early Identification of Cardiogenic Shock Is Feasible Using Semi-Automated Point of Care Ultrasound.

Adeyinka A. Adedipe, MD; Gabriel Morales, MD; Rachel Harper, MD; Claudius Mahr, DO, FACC, FESC; James McCabe, MD, FACC; Graham Nichol, MD, MPH

Presenters: Gabriel Morales, MD, R2; Rachel Harper, MD, R4; Mentor – Adeyinka A. Adedipe, MD

The Increasing Rate of Diphenhydramine Exposures in the US—Another Emerging Public Health Concern.

Antonia J. Nemanich, MD; Amber K. Sabbatini, MD, MPH, FACEP; Erica L. Liebelt, MD, FACMT

Presenter: Antonia Nemanich, MD, R3; Mentors – Erica L. Liebelt, MD, FACMT; Amber Sabbatini, MD, MPH, FACEP

Tejocote: A Root for Weight-loss of Digoxin Doppelganger?

Katherine G. Palmer, MD; Jacob A. Lebin, MD; Rebekah A. Burns, MD; Suzan S. Mazor, MD

Presenter: Katherine G. Palmer, R1; Mentors – Rebekah A. Burns, MD; Suzan S. Mazor, MD

Measuring Tiny Forces for Big Trauma.

Lucas Ting, PhD; Shirin Feghhi, PhD; Nikita Taparua; Annie Smith; Ari Karchin, PhD; Esther Lim, MS; Alexander St. John, MD, MS; Xu Wang, MD; Tessa Rue, MS; Nathan J. White, MD, MS; Nathan K. Sniadecki, PhD

Presenter: Nathan White, MD, MS

12:00 to 12:30pm

LUNCH & AWARDS

7:30 to 7:40am	INTRODUCTION	9:30 to 9:40am	Systematic Review and Meta-Analysis of Intravascular Temperature Management Versus Surface Cooling in Comatose Patients Resuscitated from Cardiac Arrest. Emily Bartlett, MD, MS, MSc; Terence Valenzuela, MD, MPH; Ahamed Idris, MD; Jasmin Arrich, MD; Nicolas Deye, MD; Alexander Flint, MD, PhD; Guy Glover, MD; Michael Gilles, MD; Claude Hemphill, MD; Michael Holzer, MD; Ki Hong Kim, MD; Marcus Hock Ong, MD; Sang Hoon Oh, MD; Undine Pittl, MD; Kees Polderman, MD; Sang Do Shin, MD, PhD; Kjetil Sunde, MD; Holger Thiele, MD; Graham Nichol, MD, MPH Presenter: Emily Bartlett, MD, MS, MSc, R3; Mentor – Graham Nichol, MD, MPH
7:40 to 7:50am	POPULATION HEALTH Measuring Emergency Department Medical Care Spending in the US by Health Condition, Age, Sex, and Payer, 1996-1026. Angela Liu; Kirstin Scott, PhD; Abigail Chapin; Carina Chen; Alex Kaldjian; Taylor Matyas; Herbert Duber, MD, MPH; Joseph Dieleman, PhD Presenter: Angela Liu, MPH student; Mentors – Herbert Duber, MD, MPH, FACEP; Kirstin Scott, PhD; Joseph Dieleman, PhD	9:40 to 9:50am	Primary Hemostasis Dysfunction After Trauma. Alexander St. John, MD, MS; Junmei Chen, PhD; Dominic Chung, PhD; Nathan White, MD, MS; Susan Stern, MD; José López, MD Presenter: Alexander St. John, MD, MS
7:50 to 8:00am	ULTRASOUND Current Utilization and Perceptions of Ultrasound at Labor Triage: Initial Findings from a Baseline Survey in Eastern Uganda. Sachita Shah, MD, DTMH; Dilys Walker, MD, MPH Presenter: Sachita P. Shah MD	9:50 to 10:00am	Predicting Pulse Status from the ECG Signal Without Interrupting CPR. Heemun Kwok, MD, MS; Jason Coult, PhD; Jennifer Blackwood, MPH; Peter Kudenchuk, MD; Thomas Rea, MD, MPH. Presenter: Heemun Kwok, MD, MS
7:40 to 7:50am	Renal Stone Management Technology Development and Clinical Validation Study: Progress Updates. M. Kennedy Hall, MD, MHS; Patrick Samson, MD; Jonathan Harper, MD; Ross Kessler, MD; Michael Vrablik, DO; Robert Sweet, MD; Matthew Sorensen, MD, MS; Hunter Wessells, MD; Barbrina Dunmire, MS; Michael Bailey, PhD Presenter: M. Kennedy Hall, MD, MHS	10:00 to 10:10am	Bayesian Analysis of the Pragmatic Airway Resuscitation Trial. Henry E. Wang, MD, MS; Andrew Humbert, MS; Graham Nichol, MD, MPH; Jestin N. Carlson, MD, MS; Mohamud R. Daya, MD, MS; Ryan Radecki, MD; Matthew Hansen; Clifton W. Callaway, MD, PhD; Claudia Pedroza, PhD Presenter: Graham Nichol, MD, MPH
7:50 to 8:00am	Use of Point-of-Care Ultrasound in the Emergency Department. Madeleine Birch; Jennifer Marin, MD; Rachel Liu, MD; Jane Hall, PhD Presenter: Madeleine Birch	10:10 to 10:20am	Adapting a Jiu-Jitsu Technique for Hemorrhage Control. John Slevin; Cierra Harrison; Eric Da Silva; Nathan White, MD, MS Presenter: John Slevin; Mentor – Nathan White, MD, MS
8:00 to 8:10am	CLINICAL CARE Impact of Workplace Violence on Emergency Department Workers: Results from a Qualitative Study. Marie C. Vrablik, MD, MCR; Anne K. Chipman, MD, MS; Elizabeth D. Roseman, MD; Nancy J. Simcox, MS; Huynh Ly, BA; Megan Moore, PhD, MSW; Rosemarie Fernandez, MD Presenter: Marie C. Vrablik, MD, MCR	10:30 to 10:40am	CRITICAL CARE Targeted Temperature Management at 33 Versus 36 Degrees: Processes and Outcomes After Real-World Implementation. Nicholas J. Johnson, MD; Kyle R. Danielson, MPH, MN, ARNP; Catherine R. Counts, PhD; Katelyn McMahan; David J. Carlbom, MD Presenter: Nicholas J. Johnson, MD
8:20 to 8:30am	Simulation-Based Team Leadership Training Improves Team Leadership and Patient Care During Actual Trauma Resuscitations: A Randomized Controlled Trial. Rosemarie Fernandez, MD; Elizabeth Rosenman, MD; Jeff Olenick, MA; Anthony Misisco, MA; Sarah Broliar, BS; Anne Chipman, MD, MS; Marie Vrablik, MD, MCR; Colleen Kalynych, MSH, EdD; Sam Arbabi, MD, MPH; Graham Nichol, MD, MS; James Grand, PhD; Steve Kozlowski, PhD; Georgia Chao, PhD Presenter: Elizabeth Rosenman, MD	10:40 to 10:50am	Comparing Mortality Prediction by Quick Sequential Organ Failure Assessment with Emergency Physician Judgment. William R. Cleek, MD; Nicholas J. Johnson, MD; M. Kennedy Hall, MD, MHS; Daniel J. Henning, MD, MPH Presenter: William R. Cleek, MD, R2; Mentor – Daniel J. Henning, MD, MPH
8:30 to 8:40am	The Impact of an Institutional Pathway on Emergency Physicians' Stated Preferences in Treating Pulmonary Embolism. Alex O'Brien-Lambert, MD; Amber Sabbatini, MD, MPH; Joshua Jauregui, MD; Jack Ludwig, MD; M. Kennedy Hall, MD, MHS. Presenter: Alex Lambert, MD, R3; Mentor – M. Kennedy Hall, MD, MHS	10:50 to 11:00am	Plasma Interleukin-6 Improves Identification of Infection When Added to Physician Judgment During Evaluation of Potentially Septic Emergency Department Patients. Daniel J. Henning, MD, MPH; M. Kennedy Hall, MD, MHS; Bjorn K. Watsjold, MD; Pavan K. Bhatraju, MD; Susanna Kosamo, PhD; Nathan I. Shapiro, MD, MPH; W. Conrad Liles, MD; Mark M. Wurfel, MD, PhD Presenter: Daniel Henning, MD, MPH
8:40 to 8:50am	Psychiatric Outcomes of Patients with Severe Agitation Following Administration of Prehospital Ketamine. Jacob Lebin, MD; Arvin Akhavan, MD; Daniel Hippe, MS; Melissa Gittinger, DO; Jagoda Pasic, MD, PhD; Andrew McCoy, MD, MS; Marie Vrablik, MD, MCR Presenter: Jacob Lebin, MD, R4; Mentor – Marie Vrablik, MD, MCR	11:00 to 11:10am	BREAK
8:50 to 9:00am	7 k @) @ " h h Lauren K. Whiteside, MD, MS; Ly Huynh; Mark McGovern, PhD; Douglas Zatick, MD h O M† U) Uo	11:10 to 12:00pm	POSTER SESSION CorECMO: e-Learning within a Multimodality ECMO Curriculum for Critical Care Fellows. Jenelle Badulak, MD; Pablo Sanchez, MD, PhD; Andy Luks, MD; Matt Plourde, BSN; Basak Çoruh, MD Presenter: Jenelle Badulak, MD
9:10 to 9:20am	BREAK		
9:20 to 9:30am	RESUSCITATION International Variation in Survival After Out-of-Hospital Arrest: A Validation Study of the Utstein Template. K Dyson, PhD; SP Brown, PhD; SJ May, PhD; K Smith, PhD; RW Koster, MD; SG Beeseems, MD; M Kuisma, MD; A Salo, MD; J Finn, PhD; F Sterz, MD; A Nürnberger MD; LJ Morrison, MD; TM Olasveengen, MD; CW Callaway, MD, PhD; SD Shin, PhD; JT Gräsner PhD; M Daya, MD; MH Ma, MD; J Herlitz, MD; A Strömsöe PhD; TP Aufderheide, MD; S Masterson, PhD; H Wang, MD; J Christenson, MD; I Stiell, MD; GM Vilke, MD; A Idris, MD; C Nishiyama, PhD; T Iwami, MD; G Nichol, MD, MPH Presenter: Graham Nichol, MD, MPH		Public Knowledge of Cardiovascular Disease and Response to Acute Cardiac Events in Two Brazilian Municipalities. Emily Bartlett, MD, MS, MSc; Luisa S. Flor, PhD; Etna Kaliane Pereira da Silva, MPH; Raisa Santos Cerqueira, BA; Stefanie Marina Correia Cairo, PharmD; Danielle Souto Medeiros, PhD; Rafael Camara Melo, PhD; Mariana Aparecida Dias, MS; Fernando Antonio Camargo Vaz, PhD; Danny V. Colombara, PhD; Casey K. Johanns, BS; Herbert C. Duber, MD, MPH, FACEP Presenter: Emily Bartlett, MD, MS, MSc, R3; Mentor – Herbert Duber, MD, MPH, FACEP