ED Research Day

Agenda

9:00 – 9:15  Welcome
9:15 – 10:00  Keynote Lecture
   “The Palliation of Emergency Medicine”
   Corita Grudzen, MD, MSHS, FACEP
   Vice Chair for Research,
   Associate Professor of Emergency Medicine and Population Health
   NYU School of Medicine
10:00-10:05  2019 Abigail and Gary Conrad Award
10:05 – 10:20  Break
10:20 – 11:40  Oral Presentations
11:40–12:15  ED Program Presentations
12:15 – 2:00  Lunch and Posters
12:30 – 2:00  Lightning Oral Presentations

CME & CEU are available for Penn physicians and nurses who attend ED Research Day. In order to earn 4.5 Nursing Continuing Education credits from today's event, please see Liz Long by the end of the research day.

One (1) CME credit hour is available for physicians. Instructions for obtaining CME can be found by completing the Google evaluation form in your calendar invite (EM Faculty) or by going to the following URL:
https://forms.gle/26sAwVabuoVEfxiLA
Keynote Lecture

“The Palliation of Emergency Medicine”

Corita Grudzen, MD, MSHS, FACEP
Vice Chair for Research, Associate Professor of Emergency Medicine and Population Health
NYU Langone Medical Center—New York, NY

Corita Grudzen, MD, MSHS, FACEP is the Vice Chair for Research in the Ronald O. Perelman Department of Emergency Medicine and Associate Professor of Emergency Medicine and Population Health at NYU School of Medicine in New York City. Her program of research focuses on understanding and improving the quality of care that patients with serious, life-limiting illness receive in the ED setting, with a specific focus on matching goals of care to treatments.

Dr. Grudzen graduated from Stanford University; she received her MD from the University of California, San Francisco, and a Master’s of Science in Health Sciences (MSHS) from the University of California, Los Angeles. She is a graduate of the Emergency Medicine Residency at New York University/Bellevue Hospital Center, where she served as a Chief Resident, and she completed the Robert Wood Johnson Clinical Scholars Program in health services research at the University of California, Los Angeles.

Beginning in 2012, she served as an Innovation Advisor to the Centers for Medicare and Medicaid Innovation, and as the Metric Lead on a $12 million Health Care Innovation Award titled, “Geriatric Emergency Department Innovations in Care through Workforce, Informatics and Structural Enhancements”. She has content expertise in qualitative research, patient-centered outcomes research, emergency care, and palliative medicine, and served on the National Advisory Board for the Center to Advance Palliative Care’s IPAL-EM initiative to integrate palliative care and emergency medicine. She received the 2015 Academy for Women in Academic Emergency Medicine Research Award and Sojourn Scholars Award by the Cambia Health Foundation to recognize national leaders in palliative care. She is Co-Chair of the NCI-sponsored Comprehensive Oncologic Emergencies Research Network (CONCERN), the goal of which is to accelerate knowledge generation, synthesis, and translation of oncologic emergency medicine research through multi-center collaborations.
2019 Abigail and Gary Conrad Award for Outstanding Research In Emergency Medicine

Presented to Corita Grudzen, MD, MSHS

The award was established in 2013, in honor of Zachary Conrad by his parents Abigail and Gary. Zachary is a cardiac arrest survivor who received state-of-the-art treatment at HUP, in part developed through Emergency Medicine research. Past recipients of this award include:

Stephen Trzeciak, MD, MPH  March 2013
Jeremy Brown, MD  April 2014
Sheldon Cheskes, MD  March 2015
Lynne Richardson, MD  April 2016
Federico Vaca, MD, MPH  April 2017
Jesse Pines, MD, MBA, MSCE  March 2018

Oral Presentations
Moderator: Utsha Khatri

Anish K. Agarwal, MD, MPH
Leveraging Digital Updates to Improve the Patient Experience

Rachel Graves, MD
Can Reddit reveal unique facets of Suboxone use and misuse?

Alex Bonnel, MD
Point–of–Care Ultrasound at Home: Use of Handheld Ultrasound in Geriatric Home Visits

Eugenia C. South, MD, MS
The Association Between Gun Violence and Acute Care Visits for Stress-Responsive Complaints: A Case-Control Study

Rohit B. Sangal, MD
Antibiotic Redosing in the Emergency Department: Factors Contributing to Compliance and Clinical Outcomes

M. Kit Delgado, MD, MS
Loss-Framed Text Messages to Increase Smartphone Breathalyzer Engagement and Decrease Drinking and Driving: The BE SAFE Randomized Trial
ED Program Presentations

Center for Digital Health
Raina M. Merchant, MD, MS

The Center for Digital Health is committed to working on problems that lie at the intersection of health care, technology, and society. Through research and practice, we both lead and support initiatives to advance science, improve health care systems, and enhance patient and public engagement. We identify important problems in health care and explore how traditional approaches can be disrupted, improved upon, or harmed by using digital data and platforms to explore solutions to these challenges.

Center for Emergency Care Policy and Research
Zachary F. Meisel, MD, MPH, MS

The CECPR focuses on health services and health policy research in emergency care broadly defined as: measuring and studying aspects of cost, quality and access to care for people with acute, time sensitive conditions. The CECPR team works closely with and holds leadership positions in other major research centers at Penn including: the Penn Injury Science Center (PISC), the Penn Center for Health Innovation (CHCI), the Leonard Davis Institute of Health Economics (LDI), the Center for Health Incentives and Behaviors (CHIBE), Penn Implementation Science Center (PISCE@LDI). A few key areas where CECPR research is focused include: opioid overdose prevention and treatment, distracted driving, firearm injury, environmental and neighborhood and stress, medical decision making in acute care, translation of evidence to policy and implementation.

Emergency Ultrasound
Nova Panebianco, MD, MPH

Penn Medicine’s Division of Emergency Ultrasound has been a leader in identifying and promoting the use of bedside ultrasound both diagnostically and procedurally for over 15 years. In recent years our division has focused on resuscitative ultrasound, global health, and medical education. We have teaching relationships and several collaborative projects with the departments of Surgery, Internal Medicine, Critical Care, Nephrology, Trauma, Neurology, and PEM (at CHOP). Based partly on these relationships, and partly on Penn Medicine’s culture of interdepartmental collegiality, much of our educational and research efforts are interdisciplinary. Additionally, have the first formalized IM/EM ultrasound fellowship in the country.
**Presenters:**

**Jacob Weissenberger, MSN, RN, CCRN**  
Role Standardization for Patient Extrication

**Pamela Fazzio, MD**  
“What Do You Want to Learn or Work on Today?”: Self-identified Learning Goals for Residents in the Emergency Department: Should you Ask for One?

**Nabil Abdulhay, EMT-B**  
Socioeconomic Disparities in Layperson CPR Training Within a Large U.S. City

**Maggie Lowenstein, MD, MPhil**  
Barriers and Facilitators of Emergency Department Initiation of Buprenorphine: A Physician Survey

**Eva Delgado, MD**  
Does a Pocket Card Intervention Influence Pediatric Resident Resuscitation Readiness and Knowledge Retention?

**Mira Mamtani, MD, MSEd**  
The Gender Gap: A pilot Study Exploring Gender Based Differences in Feedback to Emergency Medicine Trainees

**Dave Buckler, EMT-P**  
Attribution for Emergency Care Sensitive Conditions

**Erik Blutinger, MD, MSc**  
Variability in Emergency Department Electronic Medical Record Default Opioid Quantities: A National Survey
Poster Presentations

Stephanie B Abbuhl, MD
Promoting gender equity in grant making: what can a funder do?

Abhishek Bhardwaj, MD
Renal failure after cardiac arrest and the role of targeted temperature management

Erik J. Blutinger MD, MSc
Nursing updates: A solution for improving patient satisfaction?

Courtney Cassella, MD
Feasibility of advanced practice provider performed point-of-care first trimester pregnancy ultrasound

Amanda J. Deutsch, MD
The impact of the parenteral opioid medication shortage on opioid utilization practices in the emergency department

Eden Engel-Rebitzer, BA
Using narrative communication to improve patient satisfaction with forgoing low value care

Nicholas Friedman, EMT-B
Multimodal intervention to decrease violence & aggression in the ED

David H. Jang, MD, MSc
In vitro comparison of hydroxocobalamin and mitochondrial-directed therapy in a cell model of cyanide poisoning

Anubhav Kumar, MD
Time-dependent variation in ultrasonographic volume assessment of hemodialysis patients

Jennifer Molnar, MSN, PNP-BC
Pediatric sexual assault program: 10 years in review

Christy Moore, BS
Emergency medicine faculty’s perspective of a departmental sonographer educator: A 1-year survey

Parvathi Somasundaram, MD
Burnout among occupational and environmental medicine physicians: Is it all cotton candy & unicorns?

Elizabeth Upton, BA
Millennial patient perspectives in the emergency room: A qualitative study

Michael E. Wolf, MD, MS
Proposed evaluation and treatment protocols for decompression sickness (DCS) following exposure at altitude

Alex Wong
Analysis of an obstetrics point-of-care ultrasound training program for healthcare practitioners in Zanzibar, Tanzania
The 2019 ED Research Day Committee would like to thank the following exhibitors:

**Bard/BD UCC**

**Butterfly**

**Karl Storz Endoscopy—American**

**Mindray**

**Nihon Kohden America**

**Stryker**

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Thank you to all presenters and contributors!

From the ED Research Day Planning Committee:

Ben Abella, Utsha Khatri, Eileen McDonnell, Jay Chelluri, Dave Buckler, Liz Long, Gina South, and Fran Shofer