



**Benjamin Abella, MD MPhil**

Professor; Vice Chair for Research  
Director, Center for Resuscitation Science  
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*Resuscitation science, CPR, cardiac arrest outcomes,  
post-arrest care, disparities in cardiac arrest care*

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Resuscitative transesophageal echocardiography in emergency departments in the United States and Canada: A cross-sectional survey. On behalf ACEP Emergency Ultrasound Section and the Resuscitative TEE Collaborative Registry (rTEECorRe) Investigators. Abella BS, et al. Am J Emerg Med. 2024 Feb.

Low postoperative perfused vessel density is associated with increased soluble endothelial cell adhesion molecules during circulatory shock after cardiac surgery. Abella BS, et al. Microvasc Res. 2023 Nov.



**Anish Agarwal, MD MPH MS**

Chief Wellness Officer, EM  
Deputy Director, Center for Digital Health  
Asst. Professor

*Health care delivery, innovation, and digital health*

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#StopTheStigmaEM: Building a social media-based movement to support emergency medicine mental health. Agarwal AK, et al. Acad Emerg Med : 2023.

Investigating Social Media to Evaluate Emergency Medicine Physicians' Emotional Well-being During COVID-19. Agarwal AK, et al. JAMA Netw Open 6 : e2312708,2023.



**Mucio Kit Delgado, MD MS**

Co-Chair, Penn Medicine Opioid Task Force  
Associate Director, Center for Health Incentives and Behavioral Economics  
Director, Behavioral Science & Analytics For Injury Reduction (BeSAFIR) Lab

*Opioid epidemic, COVID-19, EM systems design and outcomes,  
Trauma prevention*

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Trends in Before Medically Advised Discharges for Patients With Opioid Use Disorder, 2016-2020. Delgado MK, et al. JAMA 330 (23): 2302–2304,2023.

Impact of Universal Screening and Automated Clinical Decision Support for the Treatment of Opioid Use Disorder in Emergency Departments: A Difference-in-Differences Analysis. Delgado MK, et al. Annals of Emergency Medicine : 2023.



**Ari Friedman, MD PhD**

Asst. Professor:  
Emergency Medicine, University of Pennsylvania  
Medical Ethics and Health Policy  
Emergency Care Policy and Research

*Industrial organization of care system, access to care and insurance, and financial integration of population health into the medical system*

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The Scope and Legal Implications of Tracking Technologies on Hospital Websites. Friedman AB, et al. JAMA. 2023 Jul 18.

Considering the Whole Person in Hospital Admission Decisions for Older Adults in the Emergency Department. Friedman AB, et al. JAMA Intern Med. 2023 Aug 1.



**John Greenwood, MD MTR**

Asst. Professor:  
Emergency Medicine  
Anesthesiology + Critical care

*Resuscitation, cardiovascular emergencies, and cardiovascular critical care*

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Investigation of Cerebral Mitochondrial Injury in a Porcine Survivor Model of Carbon Monoxide Poisoning. Greenwood JC, et al. J Med Toxicol. 2024 Jan.

Low postoperative perfused vessel density is associated with increased soluble endothelial cell adhesion molecules during circulatory shock after cardiac surgery. Greenwood JC, et al. Microvasc Res. 2023 Nov.



**David Jang, MD MSc FACMT**

Lab Director, Anesthesia and Critical Care Mitochondrial Unit (ACMU)  
Member, Penn Toxicology Program

*Models of O2k-FluoRespirometer (O2k-Series H), Western blotting, confocal microscopy to study mitochondrial function in both in vitro and in vivo models*

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Exploring the Therapeutic Potential of Phosphorylated *Cis*-Tau Antibody in a Pig Model of Traumatic Brain Injury. Jang DH, et al. Biomedicines. 2023 Jun 24.

Succinate prodrugs as treatment for acute metabolic crisis during fluoroacetate intoxication in the rat. Jang DH, et al. Mol Cell Biochem. 2023 Jun.



**Austin Kilaru, MD MSHP**

Assistant Director, The Parity Center  
Advisor, Center for Healthcare Transformation & Innovation  
Senior Fellow, Health Economics, LDI;

*Health policy, health services, healthcare delivery and innovation, payment reform, value-based care, care coordination, substance use disorder*

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Considering the Whole Person in Hospital Admission Decisions for Older Adults in the Emergency Department. Kilaru AS, et al. JAMA Intern Med. 2023 Aug 1.

Boarding in US Academic Emergency Departments During the COVID-19 Pandemic. Kilaru AS, et al. Ann Emerg Med. 2023 Sep;82(3):247-254. doi: 10.1016/j.annemergmed.2022.12.004. Epub 2023 Jan 19.



**Mira Mamtani, MD MEd**

Associate Residency Program Director, Emergency Medicine  
Associate Director, FOCUS on Health and Leadership of Women  
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*Medical Education, Gender and Racial/Ethnic Bias, Faculty Development, Learner Assessment, Curriculum Development and Evaluation*

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"Intersections of Social Systems, Race, and Health in America: A Historical Perspective": A Novel Elective for Medical Students to Increase Antiracism Advocacy. Mamtani M, et al. Acad Med. 2023 Jun 1.

Emergency medicine resident perspectives on well-being during COVID-19: a qualitative study. Mamtani M, et al. Emerg Med J. 2023 Feb.



**Zachary Meisel, MD MPH MSHP**

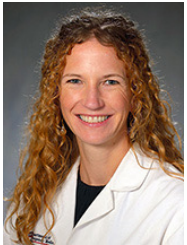
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"The new normal has become a nonstop crisis": a qualitative study of burnout among Philadelphia's harm reduction and substance use disorder treatment workers during the COVID-19 pandemic. Meisel ZF, et al. Harm Reduct J. 2023 Mar 11.

Receipt and duration of buprenorphine treatment during pregnancy and postpartum periods in a national privately-insured cohort. Meisel ZF, et al. Drug Alcohol Depend Rep. 2023 Nov 10.



**Nova Panebianco, MD MPH**

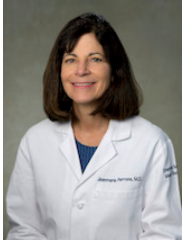
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Development of a novel observed structured clinical exam to assess clinical ultrasound proficiency in undergraduate medical education. Panebianco N, et al. Ultrasound J. 2023 Sep 25.

Transesophageal echocardiography (TEE)-guided transvenous pacing (TVP) in emergency department. Panebianco N, et al. Ultrasound J. 2023 Aug 21.



**Jeanmarie Perrone, MD**

Director, Division of Medical Toxicology and Addiction Medicine Initiatives  
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*Evaluating methods and policies to limit initiation of new opioid use and modify opioid misuse through interventions in the ED, regionally and nationally and creating pathways to treatment for patients with opioid use and other substance use disorders.*

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Safety and preliminary outcomes of short-acting opioid agonist treatment (sOAT) for hospitalized patients with opioid use disorder. Perrone J, et al. Addict Sci Clin Pract. 2023 Feb 24.

Self-reported Xylazine Experiences: A Mixed-methods Study of Reddit Subscribers. Perrone J, et al. J Addict Med. 2023 Nov-Dec 01.



**Megan Rybarczyk, MD MPH**

Scholar, Center for Global Health  
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Clinical Outcomes Following the Implementation of a Novel One-Year Training Program in Emergency Medicine in Karachi, Pakistan. Rybarczyk MM, et al. Ann Glob Health. 2023 Jan 19.

"Underneath the visible" - COVID-19 Risk prediction tools in a high-volume, low-resource Emergency Department. Rybarczyk MM, et al. Pak J Med Sci. 2023 Jan-Feb.



**Eugenia South, MD MSHP**

Faculty Director, Penn Urban Health Lab  
Associate Vice President of Health Justice  
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*Influence of urban environments on chronic stress, cardiovascular and mental health, and violent crime*

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Association between Low Urban Neighborhood Greenness and Hypertensive Disorders of Pregnancy. South EC, et al. Am J Perinatol. 2023 Aug.

Effect of Abandoned Housing Interventions on Gun Violence, Perceptions of Safety, and Substance Use in Black Neighborhoods: A Citywide Cluster Randomized Trial. South EC, et al. JAMA Intern Med. 2023 Jan 1.



**Benjamin Sun, MD MPP**

Chair, Department of Emergency Medicine  
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Professor, Emergency Medicine

*Health services research, cost-effectiveness analysis, randomized trial design; causal inference in observational data; qualitative research methods; emergency cardiac conditions*

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Coronary Angiography Within 30 Days From Coronary Artery Bypass Graft Surgery: Indications, Findings, and Outcomes. Sun B, et al. J Invasive Cardiol. 2023 May.

Emergency Department Cardiac Risk Stratification With High-Sensitivity vs Conventional Troponin HEART Pathway. Sun B, et al. JAMA Netw Open. 2023 Dec 1.