

Curriculum Vitae

Mahshid Abir, M.D., M.Sc.

Senior Physician Policy Researcher

RAND Corporation

mabir@rand.org

Education and Training

08/1993-07/1997 University of California, Los Angeles, CA
Bachelor of Science in Cell & Molecular Biology

07/2000-06/2004 University of Cincinnati College of Medicine, Cincinnati, OH
Doctor of Medicine

06/2004-06/2005 University of Cincinnati, Cincinnati, OH
Internship, Preliminary Internal Medicine

06/2005-06/2008 Thomas Jefferson University, Philadelphia, PA
Residency, Emergency Medicine

07/2009-06/2011 University of Michigan, Ann Arbor, MI
Robert Wood Johnson Foundation Clinical Scholars
Program Research Fellow
M.Sc. in Health and Health Services Research

Certification and Licensure

06/2002 USMLE Step 1

03/2004 USMLE Step 2

06/2004-06/2005 Ohio Educational Limited License

06/2005-06/2008 Pennsylvania Educational Limited License

11/2006 USMLE Step 3

02/2007-03/2007 Delaware Educational Limited License

06/2008-2012 Georgia Medical License

06/2008-Present DEA License

12/2008-Present Michigan Medical License

12/2009-Present Michigan Controlled Substance License

12/2009 Certification, American Board of Emergency Medicine
Emergency Medicine #41863

08/2011-Present District of Columbia Medical License

08/2011-Present Maryland Medical License

Academic and Clinical Appointments

07/2008-11/2008 University Hospital, Augusta, GA
Attending Physician

12/2008-07/2009 Medical College of Georgia, Augusta, GA
Department of Emergency Medicine
Clinical Lecturer

07/2009-07/2011 Department of Veterans Affairs, Ann Arbor, MI
Health Services Research & Development
Physician

07/2009-07/2011 University of Michigan, Ann Arbor, MI
Department of Emergency Medicine
Clinical Lecturer

09/2009-07/2011 Hurley Medical Center, Flint, MI
Department of Emergency Medicine
Attending Physician

07/2011-09/2011 RAND Corporation, Santa Monica, CA
Adjunct

09/2011-08/2012 Prince George's Hospital Center, Cheverly, MD
Attending Physician

09/2011-07/2013 George Washington University, Washington, DC
Medical Faculty Associates
Department of Emergency Medicine
Assistant Professor

09/2011-01/2020 RAND Corporation, Santa Monica, CA
Natural Scientist and Affiliated Adjunct

07/2013-10/2013 Maternity leave

10/2013-9/2019 University of Michigan, Ann Arbor, MI
Department of Emergency Medicine
Assistant Professor

10/2016-Present University of Michigan, Ann Arbor, MI
Acute Care Research Unit (ACRU)—www.acru.med.umich.edu
Director

08/2017-12/2018 University of Michigan, Ann Arbor, MI
Injury Prevention Center Policy Workgroup
Member

08/2017-12/2018 University of Michigan, Ann Arbor, MI
Injury Prevention Center Internal Advisory Committee (IAC)
Member

09/2019-Present University of Michigan, Ann Arbor, MI
Department of Emergency Medicine
Associate Professor

01/2020-Present RAND Corporation, Santa Monica, CA
Senior Physician Policy Researcher

12/2020-Present RAND Corporation, Pardee School, Santa Monica, CA
Professor of Policy Analysis

Research Interests

- Health systems research
- Health services research
- Mixed-methods research
- Health policy and action-based research
- Community-based and stakeholder-based participatory frameworks

- Evaluating acute care (i.e. in the ambulatory care, prehospital, emergency department, and inpatient settings) delivery, access, capacity, cost, utilization, transitions, and effectiveness using a systems of care approach
- Evaluating emergency disaster preparedness in the acute care continuum, healthcare system, and community
- Evaluating health system patient flow, efficiency, and clinical outcomes
- Reducing potentially avoidable acute care use (i.e. emergency department visits and hospitalizations)

Research Support

Ongoing Support

03/24/2022-3/23/2023

Sponsor: FEMA

(HSHQDC-16-D-00007)

Title: Technical Assistance for Public Assistance Delivery for COVID-19

Role: Co-PI (Brenner/Abir/Gore - MPI)

Amount: \$16.9 million

Description: The goal of the project is to understand ways to make the process of requesting FEMA public assistance easier and more equitable for applicants, and to ensure that the review and fund allocation process is both accurate and efficient. We will also be reviewing applications to determine allocation of funds to applicants.

7/1/2019-6/30/2023

Sponsor: American Heart Association (AHA)

(19SFRN34760762)

Title: Michigan Resuscitation Innovation and Science Enterprise (M-RISE)

Role: Co-Investigator

Amount: \$3,709,201

Description: The major goals of this project are to discover, translate and implement innovative therapies focused on preventing brain damage caused by cardiac arrest.

8/15/2017-6/30/2022

Sponsor: National Heart, Lung, and Blood Institute

(NHLBI)(1R01HL137964-03)

Title: Enhancing Pre-Hospital Outcomes for Cardiac Arrest (EPOC)

Role: Principal Investigator

Amount: \$2,299,037

Description: The major goals of this project are: 1) Identify variations in OHCA survival among EMS agencies and communities; 2) Define system of care 'best practices' for OHCA survival; and 3) Validate system of care factors associated with OHCA survival.

Completed Support

06/01/2021-3/31/2022

Sponsor: FEMA

(HSHQDC-16-D-00007)

Title: Technical Assistance for Public Assistance Delivery for COVID-19

Role: Co-PI (Siler-Evans/Abir/Brenner - MPI)

Amount: \$23 million

Description: The goal of the project is to understand ways to make the process of requesting FEMA public assistance easier and more equitable for applicants, and to ensure that the review and fund allocation process is both accurate and efficient. We will also be reviewing applications to determine allocation of funds to applicants.

09/24/2019-09/23/2021

Sponsor: Department of Health and Human Services (HHS)/Office of the Assistant Secretary for Planning and Evaluation (ASPE)

Policy Analysis and Technical Assistance

Role: Task 7 lead. The goal of Task 7 of this contract is to evaluate how COVID-19 related metrics (including testing, hospitalizations, and mortality) are measured in a sample of countries and states across the United States.

Principal Investigator: Christine Eibner

03/16/2020-04/03/2020

Sponsor: RAND Corporation

Title: Critical care surge response strategies for the 2020 COVID-19 outbreak in the United States.

Role: Principal Investigator

8/15/2017-6/30/2021

Sponsor: Michigan Medicine

Title of Project: Michigan Medicine Care Continuum Healthcare Delivery Redesign

Role: Project Lead

Annual Direct Costs: \$409,114

Total Award Amount: \$409,114

The goal is to identify strategies to improve care coordination and promote patient-centered care through the care continuum and across life stages (i.e. pediatrics, adults, geriatrics, and end of life).

10/30/2017-9/30/2020

Sponsor: National Academies of Sciences (NAM)

Title: 2017 NAM Fellowship

Role: NAM Fellow

Amount: \$25,000

Description: Involvement in ongoing NAM committees on issues related to healthcare system preparedness and response.

10/2017-10/2019

Sponsor: National Academy of Sciences (NAM)

Grant ID:18-PAF01336

Title: 2017 NAM Fellowship

Role: Principal Investigator

Amount: \$25,000

05/2016-10/2019

Sponsor: National Institute on Drug Abuse (NIDA)

Grant ID: R01 DA039159

Title: Reducing Non-Medical Opioid Use: An Automatically Adaptive mHealth Intervention

Role: Co-Investigator

Description: Risky use of opioid pain medications has increased substantially over the last decade and improving opioid safety has become a critical public health priority. Emergency Departments (EDs) are on the front lines of this emerging public health problem. This randomized controlled trial will focus on adults with a history of risky opioid use seen in an ED and test the impact of a novel mobile health intervention on reductions in the risky opioid use and the harms associated with opioid medications.

P.I.: Amy Bohnert, Ph.D., M.H.S.

Amount: \$2,817,357

01/2019-9/2019

Sponsor: U.S. Department of Justice through a consortium with MSP

Title: Pilot Testing of Community Overdose Assessment

Team: A Demonstration Project

Grant ID: 18-PAF08104

Role: Co-Investigator

P.I.: Gina Dahlem, PhD, FNP-C, FAANP

Amount: \$327,386

10/2016-12/2018

Sponsor: Michigan High Intensity Drug Trafficking Areas (HIDTA)

Grant ID: 17-PAF02059

Title: Michigan HIDTA Public Health Analyst Project: System for Opioid Overdose Surveillance (S.O.S.)

Role: Principal Investigator

Description: In response to this alarming public health crisis, the Office of National Drug Control Policy is supporting the development of opioid overdose monitoring systems in High Intensity Drug Trafficking Areas (HIDTA). In collaboration, the University of Michigan Injury Center and the Acute Care Research Unit are developing and piloting a real-time System for Opioid Overdose Surveillance (S.O.S.) in the Michigan HIDTA. Through connecting overdose and mortality data from regional emergency departments, the Medical Examiner, and Emergency Medical Services (EMS) agencies, the S.O.S. project aims to increase the timeliness and quality of overdose reporting so that regional strategies to reduce fatal and non-fatal overdoses may be developed.

Amount: \$75,000

10/2017- 12/2018

Sponsor: University of Michigan Injury Prevention Center

Title: Expansion of the System for Opioid Overdose Surveillance (S.O.S.)

Role: Principal Investigator

Amount: \$124,606

04/2018-12/2018

Sponsor: Centers for Disease Control and Prevention (CDC)/ Department of Health and Human Services (DHHS) through a consortium with Michigan Department of Health and Human Services (MDHHS)

Grant ID: 18-PAF06001

Title: Opioid Overdose Validation: System for Opioid Overdose Surveillance (S.O.S.)

Role: Principal Investigator

Amount: \$139,000

02/2018-09/2018

Sponsor: Department of Homeland Security (DHS)/ Federal Emergency Management Agency (FEMA)

Title: Puerto Rico Economic & Disaster Recovery Plan- Integration & Analytic Support: Health, Social Services and Education

Role: Co-Investigator
P.I.s: Cynthia Cook, Ph.D., Anu Narayanan, Ph.D.
Amount: \$26,000,000

06/2016-04/2018

Sponsor: Robert Wood Johnson Foundation (RWJF)
Grant ID: 16-PAF01126
Title: University of Michigan Policies for Action Research Hub

Role: Co-Principal Investigator

Description: Hub activities center on a group of emergent policy innovations for which there is a fair amount of action and activity, yet existing efforts are fragmented and suffer from a nascent evidence base. Its research focus areas are: "Pay for Success" approaches (social impact bonds); "Health in All Policies" efforts at the state and local levels; Hot-Spotting/interventions targeting super-utilizers of health services; and advancing the utility of simulation modeling in assessing policies for action.

P.I.s: Paula Lantz, Ph.D. Jacob Peterson, J.D., M.P.H.
Amount: \$1,200,000

12/2016-06/2017

Sponsor: SafeStates Alliance
Grant ID: 17-PAF02801
Title: Translation of Research to Policy ICRC Network
Role: Co-Investigator

Description: The focus of the proposed work is to form an Injury Center network of CDC centers that are focused on reducing the opioid overdose and addiction problem. Specifically, the current project proposes to 1) develop and publish an updated version of The Prescription Opioid Epidemic: An Evidence Based Approach policy brief that includes state-specific reports on the current magnitude of the problem/state level policies for each state affiliated with one of the Network Injury Centers; 2) Develop a strategic dissemination plan to share the state specific documents with key policymakers and stakeholders, including a plan for at least one dissemination event to be held in each state in advance of their legislative session; 3) Develop actionable guidelines for other networks engaged in translation; 4) develop a summary document of the network development, impacts, and lessons learned.

P.I.: Patrick Carter, M.D.
Amount: \$37,790

06/2014-07/2015

Sponsor: National Institutes of Health (NIH)/National Institute

on Aging (NIA)

Grant ID: R21 AG043739-03

Title: The Effect of High Inpatient Occupancy on Outcomes for Elderly Medicare Patients

Role: Principal Investigator — leading project team, study design and analysis plans, interpretation of study findings, manuscript preparation.

Description: Using administrative discharge data from the state of California for the years 1998-2012, assessing the impact of high occupancy on a number of outcomes for elderly Medicare patients including in-hospital mortality, out-of-hospital mortality, hospital length of stay, 2 and 4 week post-discharge emergency department visits, and 30-day readmissions.

Amount: \$483,872

03/2015-12/2016

Sponsor: National Institutes of Health (NIH)/National Institute on Aging (NIA)

Grant Number: 5R21AG047102

Title: Understanding Racial and Geographic Disparities in Hospital Observation Care

Role: Co-Investigator — Provided content and methodological support.

Description: The specific aims of this project are: 1) To determine the extent to which disparities in observation care are driven by patient and hospital level factors; 2) To assess the association between observation care and patient-centered outcomes by race and rurality.

P.I.: Brad Wright, Ph.D., University of Iowa

Amount: \$445,513

07/2015-06/2017

Sponsor: Emergency Medicine Foundation (EMF)

Grant ID: 15-PAF04397

Title: Investigating Patient-Centered Interventions to Reduce Asthma-Related Hospitalizations

Role: Principal Investigator

Amount: \$100,000

10/2016-09/2017

Sponsor: Michigan Department of Health and Human Services (MDHHS)

Grant ID: 17-PAF00392

Title: Medical Control Authority Assessment Project

Role: Principal Investigator

Amount: \$25,000

11/2015-09/2016

Sponsor: Michigan Department of Health and Human Services (MDHHS)

Grant ID: 16-PAF02319

Title: A Mixed Methods Study to Inform Quality Measures for Medical Control Authority Structure and Performance

Role: Principal Investigator

Amount: \$110,000

10/2014-09/2015

Sponsor: U.S. Department of Health and Human Services (DHHS), Assistant Secretary for Preparedness and Response (ASPR).

Title: Development of a Peer Assessment Tool for Mass Casualty Incidents

Role: Co-Investigator—Developed and pilot-tested a tool that can be used in the aftermath of mass casualty incidents to evaluate a community's level of preparedness. Contributed to conceptualizing the project, project design, development of the tool and pilot-test protocols, interpreting findings, leading project focus groups, conducting one-on-one interviews with study participants.

P.I.s: Jeffrey Wasserman, Ph.D., Jeanne Ringel, Ph.D.

Amount: \$250,000

10/2013-09/2015

Sponsor: Department of Health and Human Services (DHHS)/Office of the Assistant Secretary for Preparedness and Response (ASPR)

Master contract number:HHSO100201200075G

Master contract name: National Health Security Strategy Development, Implementation, and Evaluation Support Services

Role: Co-Investigator—Leading the development of strategic Objective 4 of ASPR's "Leadership Update".

Role: Co-Investigator—Part of a team of researchers developing a tool to measure the level of preparedness of health care coalitions in responding to mass casualty incidents and disasters, contribute methodological and content expertise in developing related metrics.

P.I.s: Jeffrey Wasserman, Ph.D., Jeanne Ringel, Ph.D.

Amount: \$5,781,351

05/2012-12/2012

Sponsor: Emergency Medicine Action Fund (EMAF)

Title: Calculating the Value of Emergency Medicine

Role: Co-Investigator—Part of a team of researchers who conducted this mixed-methods study. Contributed both content and methodological expertise to the analyses of large administrative datasets, developing the study's focus group and one-on-one interview guides, conducting one-on-one interviews, interpreting both qualitative and quantitative study findings, preparing final project report.

P.I.: Art Kellermann, M.D., M.P.H.

Amount: \$250,000

10/2011-09/2012

Sponsor: U.S. Department of Health and Human Services, Assistant Secretary for Preparedness and Response

Title: Developing Performance Measures on Healthcare Surge Capacity

Role: Co-Investigator—Part of a team of researchers who developed and pilot tested scalable game-based assessment of health facility surge capacity. Contributed both content and methodological expertise in developing tool metrics and exercise protocols.

P.I.s: Jeffrey Wasserman, Ph.D., Jeanne Ringel, Ph.D.

Amount: \$500,000

03/2009-09/2010

Sponsors: State of Michigan Department of Community Health (DCH), Department of Health and Human Services (MDHHS), Office of the Secretary

Subcontracts Contract No. 20101309

Title: State Burn Coordinating Center

Role: Co-Investigator—Led a multi-disciplinary team of researchers at the University of Michigan in developing a computer-simulated model of burn surge capacity at the University of Michigan Health System (UMHS), conceptualized study and model design, data collection and interpretation, manuscript preparation.

P.I.: Stewart Wang, M.D., Ph.D.

Amount: \$291,588

Editorial Positions and Peer-Review Service

Journal Reviewer

2014-Present Medicare and Medicaid Research Review (Ad Hoc)

2015-Present American Journal of Kidney Disease (Ad Hoc)

2017-Present Health Affairs (Ad Hoc)
2017-Present Health Services Research (Ad Hoc)
2018-Present Circulation: Cardiovascular Quality and Outcome (Ad Hoc)
2020-Present American Journal of Public Health (Ad Hoc)

Peer Review Service

2018 External reviewer of "Engaging Private Sector Healthcare Systems in Building Capacity to Respond to Threats to the Public's Health and National Security: Proceedings of a Workshop" for the Health and Medicine Division of the National Academies of Sciences, Engineering, and Medicine. Reviewer in the capacity of NAM-ABEM fellow
06/2020-07/2020 Grant reviewer on the Health Services Organization and Delivery (HSOD) review panel for the National Institutes of Health
08/2020-09/2020 Grant reviewer for the Agency for Healthcare Research and Quality (AHRQ)

Awards and Honors

National

2021 Recipient of RAND's Gold Medal for Research Agility
2009-2011 Robert Wood Johnson Foundation (RWJF) Clinical Scholars Program, University of Michigan, Ann Arbor, MI
2017-2019 National Academy of Medicine (NAM), American Board of Emergency Medicine (ABEM) Fellowship

Regional

10/2003 Regional Poster Competition, 1st place winner in basic research, American College of Physicians (ACP), Ohio Chapter

Institutional

09/2003 Resident Clinical Vignette Award, University of Cincinnati College of Medicine, Cincinnati, OH
06/2008 M. Andrew Levitt Award for Excellence in Research Thomas Jefferson University, Department of Emergency Medicine, Philadelphia, PA
09/2018 "System for Opioid Overdose Surveillance (S.O.S.)." 1st place in abstract competition Ann Arbor Health Services Research Symposium "Data for Change", University of Michigan, Ann Arbor, MI
06/2021 Recipient of RAND Corporation's Gold Medal for Research

Agility

Affiliations and Memberships in Professional Societies

National

2004-Present	American College of Emergency Physicians (ACEP), Member
2014-Present	Society for Academic Emergency Medicine (SAEM), Member
2015-Present	AcademyHealth, Member
2016-2018	American College of Emergency Physicians (ACEP) Federal Government Affairs (FGA) Committee, Member
2017-2019	Committee on Evidence-Based Practices for Public Health Emergency Preparedness and Response, National Academy of Medicine (NAM). Contribute as content expert in the capacity of National Academy of Medicine- American Board of Emergency Medicine (NAM-ABEM) Fellow
2018- 2020	American College of Emergency Physicians (ACEP), Section in Social Emergency Medicine, Co-Chair
2020-2021	Committee on the Security of America's Medical Product Supply Chain. National Academies of Sciences, Engineering, and Medicine (NASEM). Committee member.
2021	Committee on Addressing Issues of Vaccine Distribution and Supply Chains to Advance Pandemic and Seasonal Influenza Preparedness and Response. Committee member.

Institutional

2016-2021	University of Michigan, Institute for Healthcare Policy and Innovation (U-M IHPI), Member
2016-Present	University of Michigan, Center for Integrative Research in Critical Care (MCIRCC), Member
2016-2022	University of Michigan, Acute Care Research Unit (ACRU), Institute for Healthcare Policy and Innovation (IHPI); http://acru.med. , Founder and Director
2017-2019	University of Michigan, Injury Prevention Center, Member

Volunteer Service

12/1997-05/1998	After-school programming, YMCA, Cheyenne River Indian Reservation, Dupree, SD Volunteer, Indian Health Services, Cheyenne River Indian Reservation, Dupree, SD
05/2007	Physician volunteer, Himalayan Health Exchange, inner Himalayan range, India

Seminars and Extramural Invited Presentations

- 10/2003** **Abir M**, Basford J, Hui DY. "Apolipoprotein E inhibits matrix gene expression in the Neointima after arterial injury in mice." Poster presentation. American College of Physicians-Internal Medicine (ACP-ASIM) Ohio Chapter Meeting, Covington, KY.
- 10/2010** **Abir M**. "University of Michigan Health System Burn Surge Model." Oral presentation. University of Michigan Health System, Disaster Committee Meeting, Ann Arbor, MI.
- 11/2010** **Abir M**, Davis MM, Sankar P, Wong AC, Wang SC. "University of Michigan Health System Burn Surge Model." Poster presentation. Robert Wood Johnson Foundation (RWJF) Clinical Scholar Program, National Meeting, Atlanta, GA.
- 01/2011** **Abir M**. "When hospitals surge: Predicting capacity, outcomes, and costs." Oral presentation. Department of Health and Human Services, Office of the Assistant Secretary for Preparedness and Response (ASPR), Washington, D.C.
- 03/2011** **Abir M**. "The Japan earthquake, tsunami, and nuclear crisis: An ongoing disaster." Oral presentation. Center for Japanese Studies, University of Michigan, Ann Arbor, MI.
- 04/2012** **Abir M**, Burgette L, Choi HC, Davis MM. "Comparison of charges incurred for electively vs. emergently admitted inpatients: United States, 2009." Poster presentation. Society for Academic Emergency Medicine (SAEM) National Meeting, Chicago, IL.
- 11/2012** **Abir M**, Ruder T, Choi HC, Davis MM, Wenger NS. "The impact of high hospital census on inpatient outcomes." Poster presentation. Robert Wood Johnson Foundation (RWJF) Clinical Scholar Program, National Meeting, San Diego, CA.
- 11/2012** **Abir M**, Jan S, Jubelt LE, Merchant RM, Lurie N. "The impact of a large scale power outage on hemodialysis center operations." Poster presentation. Robert Wood Johnson Foundation (RWJF) Clinical Scholar Program, National Meeting, San Diego, CA.
- 05/2014** **Abir M**, Ruder T, Choi HC, Davis MM, Wenger NS. "The impact of high hospital census on inpatient outcomes." Poster presentation. Society for Academic Emergency Medicine (SAEM) National Meeting, Dallas, TX.
- 06/2014** **Abir M**. "Investigating a role for non-invasive monitoring

devices in reducing hospital readmissions for elderly nursing home patients with sepsis.” Oral presentation. Michigan Center for Integrative Research in Critical Care (MCIRCC), University of Michigan, Ann Arbor, MI.

- 06/2014** **Abir M.** “Healthcare preparedness, surge, and utilization.” Oral presentation. Special Research Seminar, Institutional, University of Michigan Kidney and Epidemiology Cost Center School of Public Health, Ann Arbor, MI.
- 12/2014** **Abir M,** Predmore Z, Clements B, Margolis G, Nelson C. “Assessing community preparedness using responses to MCI’s.” Poster presentation. Annual National Healthcare Preparedness Conference, Denver, CO.
- 12/2014** Nelson C, Chan E, Pillemer F, Waxman D, **Abir M,** Smith T, Moen S. “Healthcare Stress Test: A new tool for measuring and improving hospital surge capacity.” Poster presentation. Annual National Healthcare Preparedness Conference, Denver, CO.
- 02/2015** **Abir M,** Vickrey B, Koegel P, Suter R, Watson S, Broderick JP, Barsan WG. “Characterizing the “universe” Of transitional care programs for stroke survivors in the United States.” Poster presentation. International Stroke Conference (ISC), Nashville, TN.
- 02/2015** **Abir M.** “Impact of high inpatient occupancy on post-discharge emergency department visits.” Oral presentation. Society for Academic Emergency Medicine (SAEM) midAtlantic Regional Research Conference, Washington, D.C.
- 05/2015** **Abir M.** “Impact of high occupancy hospitalizations on outcomes for elderly Medicare patients.” Oral presentation. UCLA School of Medicine. Division of General Internal Medicine and Health Services Research, Los Angeles, CA.
- 05/2015** **Abir M.** “Impact of high inpatient occupancy on post-discharge emergency department visits.” Oral presentation. Society for Academic Emergency Medicine (SAEM) National Meeting, Washington, D.C.
- 06/2015** **Abir M,** Vickrey B, Koegel P, Suter R, Watson S, Broderick JP, Barsan WG. “Heterogeneity of transitional care programs for stroke survivors in the United States.” Poster presentation. AcademyHealth Annual Research Meeting, Minneapolis, MN.
- 06/2015** **Abir M,** Bauhoff S, Malsberger RJ, Parekh V, Kronick S, Desmond J. “Impact of Emergency Department Census on

Disposition Patterns and Outcomes for Discharged Patients.”
Poster presentation. AcademyHealth Annual Research Meeting, Minneapolis, MN.

- 06/2015** **Abir M**, Bauhoff S, Malsberger RJ, Setodji C, Wenger N. “Impact of high inpatient occupancy on post-discharge emergency department visits and 30-day readmissions.” Poster presentation. AcademyHealth Annual Research Meeting, Minneapolis, MN.
- 01/2016** **Abir M**. “Evaluating the impact of high occupancy hospitalizations on outcomes for older Medicare patients.” Oral presentation. Michigan Health and Hospital Association (MHA), Lansing, MI.
- 02/2016** **Abir M**. “Evaluating the impact of high occupancy hospitalizations on outcomes for older Medicare patients.” Oral presentation. California Hospital Association (CHA), Sacramento, CA.
- 06/2016** **Abir M**. “Evaluating the impact of high occupancy hospitalizations on outcomes for older Medicare patients.” Oral presentation. University of Michigan Internal Medicine Grand Rounds, Ann Arbor, MI.
- 06/2016** **Abir M**. “Critical lessons from the Peer Assessment of Preparedness Activities Tool.” Oral presentation. Emergency Management Executive Committee. University of Michigan Health System, Ann Arbor, MI.
- 10/2016** **Abir M**. “Identifying patient-centered interventions to reduce pediatric asthma-related hospitalizations in Camden, New Jersey.” Oral presentation. American College of Emergency Physicians (ACEP) Scientific Assembly, Las Vegas, NV.
- 05/2017** Clery M, Dworkis DA, Taymour R, **Abir M**. “Proximity of homicides to Detroit hospitals and implications for care.” Oral presentation. Society for Academic Emergency Medicine (SAEM) National Meeting, Orlando, FL.
- 05/2017** **Abir M**, Truchil A, Wiest D, Nelson D, Goldstick J, Koegel P, Lozon M, Choi H, Brenner J. “Cluster analysis of acute care utilization yields insights for tailored pediatric asthma interventions.” Oral presentation. Society for Academic Emergency Medicine (SAEM) National Meeting, Orlando, FL.
- 05/2017** **Abir M**, Taymour R, Provenzano A, Lowell MJ, Wahl K, Scott J. “Informing the policy, practice, and research agenda for emergency medical services oversight.” Oral presentation. Society for Academic Emergency Medicine (SAEM) National Meeting, Orlando, FL.

- 05/2017** **Abir M.** “Evaluating patient-centered interventions to reduce pediatric asthma-related acute care utilization.” University of Michigan, Department of Family Medicine, Grand Rounds Lecture, Ann Arbor, MI.
- 06/2017** **Abir M,** Goldstick J, Malsberger R, Setodji C, Wenger N. “Evaluating the impact of inpatient occupancy on hospital acquired complications: A retrospective observational study.” Poster presentation. AcademyHealth Annual Research Meeting, New Orleans, LA.
- 06/2017** **Abir M,** Taymour R, Provenzano A, Lowell MJ, Wahl K, Scott J. “Informing the policy, practice, and research agenda for emergency medical services oversight.” Poster presentation. AcademyHealth Annual Research Meeting, New Orleans, LA.
- 06/2017** **Abir M,** Truchil A, Wiest D, Nelson D, Goldstick J, Koegel P, Lozon M, Choi H, Brenner J. “Cluster analysis of acute care utilization yields insights for tailored pediatric asthma interventions.” Poster presentation. AcademyHealth Annual Research Meeting, New Orleans, LA.
- 09/2017** **Abir M,** Bohnert A, Dora-Lasky A, Kogowski A, Medlin R, Cunningham R. “Development of the System for Opioid Overdose Surveillance.” Oral presentation. Society for Advancement of Violence and Injury Research (SAVIR), Ann Arbor, MI.
- 11/2017** **Abir M.** “System for Opioid Overdose Surveillance (S.O.S.).” Oral presentation. High Intensity Drug Trafficking Areas (HIDTA) Heroin Response Strategy Symposium, Atlanta, GA.
- 12/2017** **Abir M.** “System for Opioid Overdose Surveillance (S.O.S.).” Oral presentation. Michigan Department of Health and Human Services Opioid Work Group, Lansing, MI.
- 12/2017** **Abir M.** “High Inpatient Occupancy on Outcomes.” Oral presentation. Federation of American Hospitals, Web-based presentation.
- 04/2018** **Abir M.** “System for Opioid Overdose Surveillance (S.O.S.).” Oral presentation. Michigan Department of Health and Human Services Public Safety and Public Health Conference, Lansing, MI.
- 05/2018** **Abir M.** “Enhancing Pre-Hospital Outcomes for Cardiac Arrest (EPOC).” Oral presentation. SaveMiHeart, Troy, MI.

- 05/2018** **Abir M.** “System for Opioid Overdose Surveillance (S.O.S.)” Oral presentation. Michigan Department of Health and Human Services Health Information Technology Commission, Lansing, MI.
- 05/2018** **Abir M.** “System for Opioid Overdose Surveillance (S.O.S.)” Oral presentation. Governor's Prescription Drug and Opioid Abuse Commission, Lansing, MI.
- 06/2018** **Abir M.** “System for Opioid Overdose Surveillance (S.O.S.)” Oral presentation, Michigan HIDTA State Meeting, Lansing, MI.
- 06/2018** **Abir M.** “System for Opioid Overdose Surveillance (S.O.S.)” Oral presentation. Great Lakes Health Connect/System for Opioid Overdose Surveillance Conference, Lansing, MI.
- 06/2018** **Abir M.** “System for Opioid Overdose Surveillance (S.O.S.)” Oral presentation. AcademyHealth Annual Research Meeting, Seattle, WA.
- 06/2018** **Abir M.** “Identifying patient-centered interventions to reduce asthma-related pediatric acute care utilization- a mixed methods study.” Oral presentation. RAND Corporation, Los Angeles, CA.
- 06/2018** **Abir M,** Truchil A, Wiest D, Goldstick J, Nelson C, Koegel P, Lozon M, Brenner J. “Identifying patient- centered interventions to reduce asthma-related pediatric acute care utilization- a mixed methods study.” AcademyHealth Annual Research Meeting, Seattle, WA.
- 09/2018** **Abir M,** Cunningham R, Bohnert A. “System for Opioid Overdose Surveillance (S.O.S.)” Oral presentation. 2018 Ann Arbor Health Services Research Symposium “Data for Change”, University of Michigan, Ann Arbor, MI.
- 11/2018** **Abir M,** Salhi R, Goldstick J, Lehrich J, Fouche S, Setodji C, Forbush B, Kronick S, Shields T, Brennan E, Swor R, O’Neil B, Neumar RW, Nallamotheu B. “Evaluating variation in return of spontaneous circulation rates across EMS agencies in Michigan: An EPOC study.” Oral presentation. Resuscitation Science Symposium (ReSS), American Heart Association (AHA), Philadelphia, PA.
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