

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF EMERGENCY MEDICINE

Mahshid Abir, M.D., assistant professor of emergency medicine, Department of Emergency Medicine, Medical School, is recommended for promotion to associate professor of emergency medicine, with tenure, Department of Emergency Medicine, Medical School.

Academic Degrees

M.S.	2011	University of Michigan
M.D.	2004	University of Cincinnati
B.S.	1997	University of California, Los Angeles

Professional Record

2013–present	Assistant Professor of Emergency Medicine, University of Michigan
2011-2013	Assistant Professor of Emergency Medicine, George Washington University
2009-2011	Clinical Lecturer of Emergency Medicine, University of Michigan
2008-2009	Clinical Lecturer of Emergency Medicine, Medical College of Georgia

Summary of Evaluation:

Teaching: Dr. Abir's primary teaching responsibilities occur as an attending physician in the emergency room. She mentors medical students, residents and fellows through her role as the director of the Institute for Healthcare Policy and Innovation's Acute Care Research Unit (ACRU) which includes an educational/trainee component that aims to involve students from across campus and residents and fellows in research pertaining to acute care and related health policy. She has served as a mentor for the Medical Student Clinical Reasoning Program, and has mentored a medical student and fellows writing a case report on an interesting clinical care for a patient cared for in our Emergency Critical Care Center resulting in an upcoming publication in the *Journal Hospital Medicine* on "Evaluating the Effect of High Inpatient Occupancy on Hospital Acquired Clostridium Infection." Dr. Abir participated in CME activities with external presentations at academic societies, including the Society for Academic Emergency Medicine, the National Healthcare Preparedness Conference and the International Stroke Conference.

Research: Dr. Abir's research focuses on acute delivery network in routine and disaster settings. She has made significant strides over the last six years. Dr. Abir is the principal investigator of an NIH R01 grant that evaluates and enhances pre-hospital outcomes of cardiac arrest. This is a mixed methods project with a subcontract to the RAND corporation and other consultants to evaluate best practices for surviving out of hospital cardiac arrest in the state of Michigan. Her role in the establishment of the ACRU is significant. The ACRU is a multidisciplinary research unit focused on studying the continuum of acute care delivery – including pre-hospital, emergency department, inpatient and ambulatory care settings. The focus is on evaluating acute

care access, cost, utilization, transitions of care and effectiveness using mixed methods and community-based participatory research approaches. The ACRU has close to 40 members from universities and other institutions. She is a co-investigator on several other projects that involve real time opioid overdose surveillance and prevention in conjunction with the University of Michigan Injury Prevention Center, the Office of National Drug Control Policy, and the Michigan Department of Health and Human Services. Dr. Abir has additional funding for her research, and in 2017 was awarded a National Academy of Medicine – American Board of Emergency Medicine fellowship, which demonstrates recognition of her scholarly activity in acute care delivery networks. She has published 23 peer-reviewed articles and has been invited to present her research on 19 occasions regionally and nationally.

Recent and Significant Publications:

Abir M, Moore M, Chamberlin M, Koenig KL, Hirshon JM, Singh C, Schneider S, Cantrill S: Using Timely Survey-Based Information Networks to Collect Data on Best Practice for Public Health Emergency Preparedness and Response: Illustrative Case from the American College of Emergency Physicians' Ebola Surveys. *Disaster Medicine and Public Health Preparedness*, 10(4):681-690, 2016.

Bell SA, Abir M, Choi H, Cooke C, Iwashyna T: All-Cause Hospital Admissions Among Older Adults After a Natural Disaster. *Annals of Emergency Medicine*, 2017.

Abir M, Truchil A, Wiest D, Nelson DB, Goldstick JE, Koegel P, Lozon MM, Choi H, Brenner J: Cluster Analysis of Acute Care Use Yields Insights for Tailored Pediatric Asthma Interventions. *Annals of Emergency Medicine*, 70(3):288-299.e2, 2017.

Greenwood-Ericksen MB, Tipirneni R, Abir M: An Emergency Medicine Primary Care Partnership to Improve Rural Population Health: Expanding the Role of Emergency Medicine. *Annals of Emergency Medicine*, 70(5):640-647, 2017.

Abir M, Goldstick J, Malsberger R, Setodji C, Dev S, Wenger N: Evaluating the Effect of High Inpatient Occupancy on Hospital-Acquired Clostridium Infection. *Journal of Hospital Medicine*, 2018 June 27.

Service: Dr. Abir is a diplomate of the American Board of Emergency Medicine and has active membership in the Society for Academic Medicine, Academy Health and American College of Emergency Physicians. She is an ad hoc reviewer for the *Medicare and Medicaid Research Review*, the *American Journal of Kidney Disease*, and *Health Affairs and Health Services Research*. Since 2016, Dr. Abir has served on the American College of Emergency Physicians Federal Government Affairs Committee and has contributed to setting their policy agenda as it interfaces with the United States Congress. Institutionally, she is a member of the Injury Prevention Center's Internal Advisory Committee and Policy Workgroup where she contributes to decision-making around injury prevention research and policy agendas. She is a member of the University of Michigan Institute for Healthcare Policy and Innovation and University of Michigan Center for Integrative Research in Critical Care.

External Reviewers:

Reviewer A: "...Dr. Abir has excellent training and broad research experience and has been recognized for her research services expertise. It appears that she has been quite productive with her scholarship and grantmanship since returning to University of Michigan 5 years ago. Her publications and her grant support spans multiple topic areas, but is consistent with the broad scope of health services research...It appears she is certainly on a strong trajectory and is progressing well. In considering her body of work to date including her publications, R01 funding, other grant funding and national committee work, she would likely be viewed very favorably for promotion with tenure at my institution..."

Reviewer B: "My candid assessment of Dr. Abir's work is that she is highly innovative and on a trajectory towards informing acute care delivery in routine and catastrophic settings in a transformative way. I believe that her work through the ACRU is setting the foundations for breaking down historic research and clinical care delivery silos in different care delivery settings through the Unit's multi-institutional, multi-stakeholder and multi-disciplinary approach. She ranks in the top 1% of health services researchers in her cohort and she would be easily and unanimously promoted to Associate Professor in Emergency Medicine at [my institution]."

Reviewer C: "I believe Dr. Abir's standing in relation to her peer group is outstanding and she has already established herself as a key opinion leader in a number of areas...Her committee work, and especially her work supporting activities with the National Academy of Medicine, are particularly noteworthy. If Dr. Abir were proposed for the equivalent academic promotion within the [my institution] system, I believe she would clearly meet our own criteria for promotion."

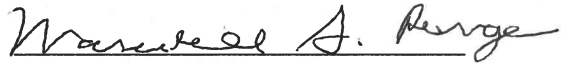
Reviewer D: "Her papers in *Annals of Emergency Medicine* are quite good. They represent the quality of scholarship expected of someone in the research track at a major university...While it is difficult for me to understand her role in each of the 7 current and 12 prior grants, their sheer number is impressive."

Reviewer E: "...Dr. Abir has a productive research publication record with focused impact on systems of acute care in both routine and disaster contexts. She has been able to maintain sustained extramural grant support for her research. Her work has been recognized by invitations to lecture at external institutions. She has provided active service to the emergency medicine community and to the University of Michigan. I believe that Dr. Abir would meet criteria for promotion to Associate Professor at my institution."

Reviewer F: "As a PI myself of a major state-wide initiative to improve cardiac arrest survival within the State of Illinois, I have great admiration and respect for the improvements seen in Michigan cardiac arrest systems of care started through the SaveMiHeart program that are now being further implemented and studied through EPOC. These results are quite extraordinary and are made possible through the research leadership of physician-scientists such as Dr. Mahshid Abir. She would meet criteria for similar promotion here at [my institution]."

Summary of Recommendation:

Dr. Abir is a well-trained emergency medicine physician with extensive research training, including being a RAND scholar and NAM-ABEM fellow. She is well-funded and involved in numerous collaborative projects. Her productivity is increasing as her funded projects come to fruition. I am pleased to recommend Mahshid Abir, M.D. for promotion to associate professor of emergency medicine, with tenure, Department of Emergency Medicine, Medical School.



Marschall S. Runge, M.D., Ph.D.
Executive Vice President for Medical Affairs
Dean, Medical School

May 2019