

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

Keith E. Kocher, M.D., assistant professor of emergency medicine, Department of Emergency Medicine, is recommended for promotion as associate professor of emergency medicine, with tenure, Department of Emergency Medicine, Medical School.

Academic Degrees

M.P.H.	2003	University of North Carolina at Chapel Hill
M.D.	2003	University of North Carolina at Chapel Hill
M.Phil.	1998	University of Cambridge/United Kingdom
B.A.	1997	University of North Carolina at Chapel Hill

Professional Record

2016 – Present	Assistant Professor of Emergency Medicine, University of Michigan
2012 – 2016	Assistant Professor of Emergency Medicine, University of Michigan
2007 – 2012	Instructor of Emergency Medicine, University of Michigan

Summary of Evaluations

Teaching: Dr. Kocher has an extensive and varied teaching portfolio. He devotes 15% of his time to educational activities. He instructs medical students, residents and fellows from multiple departments. Dr. Kocher has been a primary mentor of the Student Biomedical Research Program and has participated as a science consultant for the Patient-Based Scientific Inequity Course. He has been a group facilitator for the Pathways Interdisciplinary Seminars Health Policy Path of Excellence medical student course and instructor for open online course “Understanding and Improving the U.S. Healthcare System” since 2016. He currently mentors two fourth year medical students during their emergency medicine rotation. Dr. Kocher lectures to the Emergency Medicine residents on Life After Residency, Why Should Emergency Physicians Care about Health Policy? Health Reform and the Hub of the Enterprise: Where We’ve Come From and Where We’re Going in How We Practice Emergency Medicine and the Cost of Clinical Medicine. Recently, he co-led a group of emergency medicine residents through a longitudinal evidence based medicine curriculum.

Research: Since 2016, Dr. Kocher was recognized for his research by receiving the Society for Academic Emergency Medicine Young Investigator Award and Society of Academic Emergency Medicine best faculty research abstract in pediatric emergency care award. He is the principal investigator and director of the Michigan Emergency Department Improvement Collaborative (MEDIC), a statewide quality improvement effort supported by Blue Cross Blue Shield of Michigan and Blue Care Network. There are 17 hospital sites in the network and they meet three times a year to discuss each individual emergency department’s performance and work on implementing practice changes to improve clinical care and patient outcomes.

Dr. Kocher is the principal investigator of an NIH K08 career development award for the Agency for Healthcare Research and Quality Design, to understand the clinical and non-clinical factors

related to the variation in emergency department hospitalization practices and the patient outcome, as well as costs tied to marginal admissions. He is the principal investigator of two grants: Understanding the Causes and Consequences of Variation in Emergency Department Hospitalization Practices Across the United States, and the Michigan Emergency Department Improvement Collaborative, Blue Cross Blue Shield of Michigan. Dr. Kocher has published 35 peer-reviewed articles.

Recent and Significant Publications:

Sabbatini A, Nallamotheu B, Kocher K: Reducing variation in hospital admissions from the emergency department for low-mortality conditions may produce savings. *Health Affairs*, 33(9):1655-1663, 2014.

Kocher K, Haggins A, Sabbatini A, Sauser K, Sharp A: Emergency department hospitalization volume and mortality in the United States. *Annals of Emergency Medicine*, 64(5):446-460, 2014.

Sabbatini A, Kocher K, Basu A, Hsia R: In-hospital outcomes and costs among patients hospitalized during a return visit to the emergency department. *JAMA*, 315(7):663-671, 2016.

Kocher K, Ayanian J: Flipping the script: a patient-centered approach to fixing acute care. *New England Journal of Medicine*, 375(10):915-917, 2016.

Wright B, Zhang X, Rahman M, Kocher K: Informing Medicare's two-midnight rule policy with an analysis of hospital-based long observations stays. *Annals of Emergency Medicine*, 2018; (Epub ahead of print).

Service: Dr. Kocher is a reviewer for 15 journals, including the *Annals of Emergency Medicine*, *Pediatrics*, and the *Academic Emergency Medicine*. Nationally, he is chair of the Society for Academic Emergency Medicine Health Services and Outcomes Interest Group; a member of the American College of Emergency Medicine Quality and Performance Committee Society for Academic Emergency Medicine Grants Committee, the American College of Emergency Physicians Clinical Emergency Department Registry Oversight Committee, the Data Integrity and Research Committee and the Society for Academic Emergency Medicine Research Committee. Regionally, Dr. Kocher is a member of the Michigan College of Emergency Physician Quality Committee.

External Reviewers:

Reviewer A: "Dr. Kocher is a rigorous and, yet, creative researcher; he is an engaged and productive collaborator; he is a skilled and effective teacher. Dr. Kocher's work is highly regarded and recognized by awards, lectures, and collaborative work."

Reviewer B: "Dr. Kocher is a clear emerging national leader with high level funding from AHRQ with focus on improving care processes and outcomes for acute and emergency care now and in the decades ahead...it is clear that he has the commitment to lead on the national level and directly impact patient care broadly beyond the emergency setting...I...am fully supportive of his promotion to the rank of Associate Professor, a rank he would nearly certainly be awarded if he were at my institution."

Reviewer C: “Perhaps more importantly than his overall productivity is the importance of the questions Dr. Kocher’s research addresses...Dr. Kocher’s scholarly and research contributions are at an extremely high level and I am confident that he would be considered for promotion to Associate Professor and Tenure at our institution.”

Reviewer D: “Dr. Kocher’s work is notable because it has provided insights on a variety of issues that have not, traditionally, been high on the radar screen of most researchers...Dr. Kocher has conducted a robust body of research with publications in leading journals. His contributions make him a leading researcher in the area of health policy and emergency medicine. I am confident that his academic achievements and additional contributions would qualify him for promotion to Associate Professor in our Department of Emergency Medicine at [my institution].”

Reviewer E: “Dr. Kocher is an independently funded researcher who is currently the Principal Investigator (PI) for a K08 trial focusing on variation in Emergency Department hospitalization practices...Dr. Kocher has been awarded the Young Investigator Award from both the Society for Academic Emergency Medicine as well as the American College of Emergency Physicians. As a result of his work, he is also a member of a multi-stakeholder advisory board to the National Quality Forum...Dr. Kocher is a national leader in emergency medicine who has contributed significantly in the areas of scholarship and research, service, education, and clinical experience and is clearly deserving of this promotion.”

Reviewer F: “Dr. Kocher has been ambitious and productive as a faculty member at the University of Michigan, which is particularly evident in his accomplishments over the past five years. He would meet the promotion requirement for Associate Professor with Tenure at [my institution].”

Reviewer G: “Dr. Kocher’s superb work as a researcher, scholar, and advocate for systems changes distinguish him as a rising national leader in the field.”

Reviewer H: “...Dr. Kocher has been exceptionally productive as an assistant professor. He has clearly demonstrated development of his own research program, which is focused on how the ED provides value within the health care system and how we can best address the acute unscheduled care needs of our community. His findings to date have initiated new areas of research. His level of achievement clearly explains his national reputation as a star in his field. Dr. Kocher will be a force in our field for years to come.”

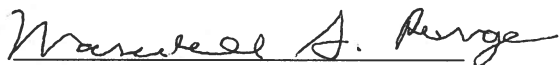
Reviewer I: “Dr. Kocher is an accomplished researcher and educator with a strong track record of achievement in his field. Also pertinent to his promotion is his participation in numerous hospital and university committees as evidence of his organizational service, and his work as the Director of the Michigan Emergency Department Improvement Collaborative (MEDIC), a statewide collaborative with the goal of advancing quality and performance in emergency care. His work has gained him a national reputation in his field and by all measure has satisfied the requirement of promotion to the rank of Associate Professor with Tenure.”

Reviewer J: "...Dr. Kocher has a highly productive research publication record with a focus on systems of acute care delivery. He has been able to obtain extramural grant support for his research. His work has been recognized by invitations to lecture at external institutions. He has provided active service to the emergency medicine community and has been recognized as an effective clinical teacher. I believe that Dr. Kocher would meet criteria for promotion to Associate Professor at my institution."

Reviewer K: "Keith Kocher and his work are recognized as within the top 5 junior to mid-level health services researchers in emergency medicine today. If Dr. Kocher was at the ..., he would be an outstanding candidate for Associate Professor with Tenure."

Summary of Recommendations:

Dr. Kocher is an active clinician and a successful researcher in the field of quality and appropriateness of care for patients in emergency departments. I am pleased, therefore, to recommend Keith E. Kocher, M.D. for promotion to associate professor of emergency medicine, with tenure, Department of Emergency Medicine, Medical School.



Marshall S. Runge, M.D., Ph.D.
Executive Vice President of Medical Affairs
Dean, Medical School

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