

PROMOTION RECOMMENDATION
UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF EMERGENCY MEDICINE
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF HEALTH BEHAVIOR AND HEALTH EDUCATION

Rebecca Cunningham, M.D., associate professor of emergency medicine, with tenure, Department of Emergency Medicine, Medical School, and associate professor of health behavior and health education, without tenure, Department of Health Behavior and Health Education, School of Public Health, is recommended for promotion to professor of emergency medicine, with tenure, Department of Emergency Medicine, Medical School, and professor of health behavior and health education, without tenure, Department of Health Behavior and Health Education, School of Public Health.

Academic Degrees:

M.D.	1996	Jefferson Medical College
B.S.	1992	Fairfield University

Professional Record:

2010-present	Associate Professor of Emergency Medicine and Associate Professor of Health Behavior and Health Education, University of Michigan
2008-2010	Assistant Professor of Health Behavior and Health Education, University of Michigan
2004-2010	Assistant Professor of Emergency Medicine, University of Michigan
1999-2004	Lecturer, Department of Emergency Medicine, University of Michigan

Summary of Evaluation:

Teaching: Dr. Cunningham teaches undergraduate, graduate, medical, and public health students in the classroom, at the bedside, and in her practice of ongoing clinical research. Her most significant contribution is the mentoring of trainees interested in injury research. Dr. Cunningham devotes 10-15% percent of her effort toward teaching and educational activities. In addition, she provides direct supervision and teaching to residents and medical students during clinical shifts (four clinical shifts/month) in the Emergency Department at University of Michigan Hospital. In her role as Injury Center director, she has overseen the development of the application in process to bring a certificate program in injury science administrated through the School of Public Health as part of the education and training core. Dr. Cunningham daily mentors medical and public health trainees related to research. Over the past five years there have been over 25 trainees at these different career levels. The success of these training relationships is reflected in the number of trainees appearing as first authors (38)

on publications with Dr. Cunningham. Several of her former injury research fellows or mentees now hold the equivalent instructional track positions studying injury research. She has had several national presentations and has lectured internationally for the Fogarty International Collaborative Trauma and Injury Research Training and Methods Program (Poland) on alcohol related research in Emergency Medicine.

Research: Dr. Cunningham's research interests are in injury prevention broadly, with specific focus on the relation of intentional (violent) injury to substance use and the Emergency Department as a location for screening and brief interventions. She has been successful in obtaining NIH grant support and currently has 10 active grants and four pending grants. Previously she had nine NIH grants; two institutional grants; and one foundation grant. Her career trajectory has been steadily increasing. In 2011, she was among the top ten NIH funded emergency medicine faculty nationally and in 2010 was the leading NIH funded emergency medicine female faculty member. She has doubled her publications since her promotion to associate professor (from 32 to 75). In conjunction with the CDC Academic Centers for Youth Violence Prevention, she led a collaborative effort to create a curriculum for health care providers titled: Re-injury Prevention for Youth Presenting with Violence. In 2012, she brought together faculty and injury researchers in 14 departments across five institutions including UM, Wayne State, and Michigan State while partnering with other campus organizations such as the UM CTSA MICHR, the Spinal Cord Center and industry partners such as Toyota. In 2012, she expanded her research in injury science to a global platform leading UM Emergency Medicine to a successful Fogarty funded program in Ghana. Dr. Cunningham has been involved in the vision, writing and funding development of two training programs including oversight of training budgets.

Recent and Significant Publications:

Walton MA, Chermack ST, Shope JT, Bingham CR, Zimmerman MA, Blow FC, Cunningham RM: Effects of a brief intervention for reducing violence and alcohol misuse among adolescents: A randomized trial, *JAMA* 304:527-535, 2010.

Cunningham RM, Harrison SR, McKay M, Mello M, Sochor M, Shandro JR, Walton M, D'Onofrio G: National survey of emergency department alcohol screening and intervention practices. *Ann Emerg Med* 55:556-562, 2010.

Cunningham RM, Chermack ST, Zimmerman MA, Shope JT, Bingham CR, Blow FC, Walton MA: Brief motivational interviewing intervention for peer violence and alcohol use in teens: One year follow-up. *Pediatrics* May, 2012 (doi: 2011-3719.R2).

Yaffee AF, Whiteside LK, Oteng RA, Carter PM, Donkor P, Rominski SD, Kruk ME, Cunningham RM: Bypassing proximal health care facilities for acute care: a survey of patients in a Ghanaian accident and emergency centre. *Trop Med Int Health* May, 2012.

Carter PM, Newton M, Clery M, Whiteside L, Walton MA, Zimmerman MA, Cunningham RM: Firearm possession rates and correlates among adolescents presenting to an urban emergency department for assault. *Pediatrics* (in press).

Service: Dr. Cunningham is a diplomat of the American Board of Emergency Medicine and an active member of the Society of Academic Emergency Medicine, American College of Emergency Physicians; American Public Health Association, and Society for Advancement of Violence and Injury Research. She currently serves on the following committees within the University of Michigan: School of Public Health Young Injury Center Steering Committee, GLEMSCRN Scientific Advisory Committee; EM Billing and Finance Committees, EM Executive Committee; UM Transportation Research Institute Faculty Search Committee and Michigan Mobility Transportation Center Steering Committee. Nationally, she serves on the Public Health Interest Group (Chair), Society of Academic Emergency Medicine; Trauma and Injury Prevention Section, American College of Emergency Physicians; Scientific Review Committee, American College of Emergency Physicians; Public Health and Injury Prevention Committee, Council of Centers; Society for Advancement of Violence and Injury Research; Trauma and Injury Prevention Section, American College of Emergency Physicians; Public Health and Injury Prevention Committee, American College of Emergency Physicians; SAVIR Board of and President Nomination Committee; and Michigan Injury Prevention Alliance Founding Leadership Group.

External Reviewers:

Reviewer A: “Dr. Cunningham’s scholarly activities—papers, large NIH and CEC funded grant projects, and lectures—have been voluminous, of the highest quality, and sustained over long periods....Her scholarship has greatly impacted these fields of inquiry, producing significant and unique new advances in our understanding of, for instance, the commission of youth violence but also, very importantly, action to prevent youth and adolescent violence.”

Reviewer B: “...Dr. Cunningham is a national leader in the field of injury prevention and control....Dr. Cunningham is a leader among leaders, having established an outstanding Center among a small and elite group. She is also the recipient of multiple competitive RO1 awards, placing her in the top 5% of Emergency Medicine researchers.”

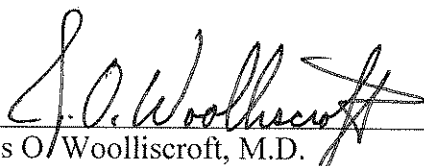
Reviewer C: “...her CV is very impressive and would merit promotion to professor (any track) at the vast majority of universities in the world.....she is well funded, including by the CDC and NIH, and she has published in high impact journals....She sits on several national academic/research boards, participates in editorial/review activities as well as study sections for federal agencies (CDC and NIH included).”

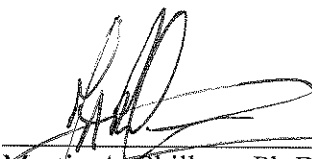
Reviewer D: “Dr. Cunningham has impressively involved her own trainees and fellows in much of her research work as well as publications she has completed, especially recently. In the past five years, Dr. Cunningham lists 25 trainees to whom she has provided mentorship. Her list of trainees is impressive for its breadth, ranging from medical students to MDs and PhDs in a number of disciplines, primarily EM, public health, and psychiatry, both at her home institution and elsewhere. This level of involvement in teaching and mentoring is laudable and must place her amongst the very top tier of research mentors in Emergency Medicine.”

Reviewer E: "Dr. Cunningham is unequivocally one of the top five injury researcher within the field of Emergency Medicine...she is one of only a handful of emergency medicine faculty with very successful collaborations with public health colleagues. This has enabled her work to have an even greater impact beyond emergency medicine into the fields of psychiatry, addiction research, substance abuse and violence prevention. Dr. Cunningham is widely regarded as a national leader in shaping the agenda for injury research and is literally the 'go-to' mentor for any young investigator interested in the intersection of Public Health and Emergency Medicine."

Summary of Recommendation:

Dr. Rebecca Cunningham is a nationally and internationally respected leader and researcher in the specialty of emergency medicine and injury prevention. We enthusiastically recommend Rebecca Cunningham, M.D. for promotion to professor of emergency medicine, with tenure, Department of Emergency Medicine, Medical School, and professor of health behavior and health education, without tenure, Department of Health Behavior and Health Education, School of Public Health.


James O. Woolliscroft, M.D.
Dean
Lyle C. Roll Professor of Medicine


Martin A. Philbert, Ph.D.
Dean, School of Public Health

May 2014