

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

Approved by the Regents  
May 20, 2010

Rebecca Cunningham, M.D., assistant professor of emergency medicine, Department of Emergency Medicine, Medical School, and assistant professor of health behavior and health education, Department of Health Behavior and Health Education, School of Public Health, is recommended for promotion to 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.

Academic Degrees:

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

Professional Record:

2008-present	Assistant Professor of Health Behavior and Health Education, School of Public Health, University of Michigan
2004-present	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 two dozen trainees interested in injury research. Dr. Cunningham devotes 10-15% percent of her effort toward teaching and educational activities. In addition to directly supervising and teaching residents and medical students during clinical shifts (four clinical shifts/month) in the Emergency Department at University of Michigan Hospital, she delivers core curriculum lectures to the emergency medicine residents, and lectures to medical students, including participation in the M4 Pharmacology Seminar Series. This year, she also taught a workshop as part of the Frank J. MacDonell Lectureship at the Addiction Research Center that focused on clinical skills for practitioners in the area of motivational interviewing with adolescents. Dr. Cunningham has provided quality clinical teaching and didactic presentations for University of Michigan medical students and emergency medicine residents. She has lectured on numerous topics including: Alcohol Related Emergencies; EKG Reading; Youth Violence, Management of Trauma Patients Under the Influence of Alcohol, Premature Labor and Emergency Delivery, and Disease Prevention and Injury Control.

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. Dr. Cunningham has been very successful in obtaining significant grant funding. She has been awarded over \$3 million as the principal investigator of a NIDA funded R01; \$3.7 million awarded as principal investigator under the multiple PI mechanism (NIAAA) and over \$15 million as a co-investigator. In addition, she has recently submitted two grants: \$282,598 thru the National Institutes of Health and \$2,515,652 thru the National Institute on Drug Abuse. She lead the collaborative effort to create a curriculum for health care providers: "Re-Injury Prevention for Youth Presenting with Violence-Related Injuries: A Training Curriculum for Trauma Centers" in conjunction with her affiliation with the Centers for Disease Control (CDC) academic center for youth violence prevention. This effort has been published on-line and is highlighted by several academic centers for youth violence as a guide for training physicians in this content area. In her administrative role as director of the Injury Research Center, Dr. Cunningham has organized regular seminar-style meetings open to students, fellows and faculty who are interested in injury related research. These provide a venue for participants to share ideas, and give trainees the opportunity to gather group input on their projects and analyses.

Recent and Significant Publication:

Cunningham R, Walton M, Goldstein A, Chermack S, Shope J, Bingham CR, Zimmerman M, Blow F: Computerized screening and intervention for alcohol and violence among teens. *Academic Emergency Medicine* In press.

Cunningham R, Walton MA, Weber JE, O'Broin S, Tripathi SP, Maio RF, Booth BM: One year medical outcomes and emergency department recidivism after emergency department observation for cocaine-associated chest pain. *Ann Emerg Med* 53(3):310-320, 2009.

Cunningham R, Knox L, Fein J, Harrison S, Frisch K, Walton M, Dicker R, Calhoun D, Becker M, Hargarten SW: Before and after the trauma bay: The prevention of violent injury among youth. *Ann Emerg Med* 53(4):490-500, 2009.

Cunningham RM, Murray R, Walton MA, Chermack ST, Wojnar M, Wozniak P, Booth BM, Blow FC: Prevalence of past year assault among inner-city emergency department patients. *Ann Emerg Med* 54(6): 814-823, 2009.

Cunningham RM, Walton MA, Trowbridge M, Weber J, Outman R, Benway A, Maio R: Correlates of violent behavior among adolescents presenting to an urban emergency department. *J Pediatr* 149:770-776, 2006.

Service: Dr. Cunningham is a diplomat of the American Board of Emergency Medicine and an active member of the Society of Academic Emergency Medicine, the American College of Emergency Physicians, and Physicians for a Violence Free Society. She currently serves on the following committees within the University of Michigan: Emergency Medicine (EM) Scholarly Activity Oversight Committee; School of Public Health Young Injury Center Steering Committee, and EM Ghana Advisory Committee. Nationally, she serves on the Public Health Interest Group (chair), Society of Academic Emergency Medicine; Trauma and Injury

Prevention Section (chair), American College of Emergency Physicians; Scientific Review Committee, American College of Emergency Physicians; Public Health and Injury Prevention Committee, Subcommittee on the Workplace Violence Initiative (chair), American College of Emergency Physicians; Council of Centers, Society for Advancement of Violence and Injury Research; and Training and Infrastructure Committee, Society for Advancement of Violence and Injury Research.

Dr. Cunningham works four clinical shifts per month in the Emergency Department (32 hours). During clinical shifts she also supervises and teaches medical students and residents. In addition to the work described elsewhere, Dr. Cunningham serves on the Advisory Committee for University of Michigan Addiction Research Center T-32 Training grant for psychiatry post-doctoral fellows. She also directly collaborates with these fellows and mentors them around specific manuscripts. She currently mentors three Fogerty fellows that are working on injury related projects in addition to mentoring emergency medicine junior faculty in injury related research in Ghana. 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.

External Review:

Reviewer A: "The work has high merit, recognizing the importance of violence, injury, and substance abuse and the relevance of the emergency department setting...Her work is well received by the leading journals in the field."

Reviewer B: "Dr. Cunningham has an emerging national reputation as an expert on injury and substance use among ED patients, particularly adolescents...She has an extensive and impressive record of teaching and mentoring of medical students, residents, and graduate students."

Reviewer C: "...it is clear that Dr. Cunningham has accomplished a considerable amount over the course of her career. She is a rigorous and methodologically sophisticated researcher of top quality. She is nationally known as such, as evidenced by her awards, publications, presentations, and organizational affiliations...Dr. Cunningham is among the absolute best compared with other injury researchers at her same stage of career development..."

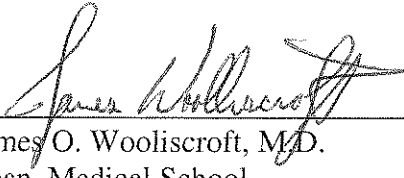
Reviewer D: "Dr. Cunningham has demonstrated significant scholarly activity after her fellowship, with apparent great acceleration of productivity in the past few years in particular...Over the last 3 years, Dr. Cunningham performed invited lecture presentations at national and international conferences. She also serves as a peer reviewer for several major journals in emergency medicine..."

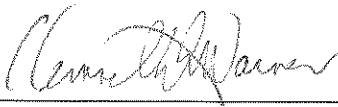
Reviewer E: "Her success obtaining external funding for her research, in particular NIH funding, has been truly exceptional. She is one of the handfuls [sic] of investigators in our specialty throughout the country who have obtained R01 funding...In the course of her career she has collaborated on grants of over \$15 million as co-investigator and now is qualified as an independent scientific investigator to obtain her own grant funding. This is highly unusual in our specialty and represents extraordinary achievement."

Reviewer F: "I believe she would easily obtain this promotion [at my institution] and other world class institutions...and I also believe she is on a career path to gain eventual promotion to full Professor...You are lucky to have such a talented and dedicated faculty member, and I look forward to further contributions from her."

Summary of Recommendation:

Dr. Rebecca Cunningham is a nationally recognized member of the research community and has made significant contributions to the specialty of emergency medicine. We enthusiastically support her promotion to associate professor, with tenure, Department of Emergency Medicine, and associate professor, without tenure, Department of Health Behavior and Health Education.

  
James O. Wooliscroft, M.D.  
Dean, Medical School  
*Lyle C. Roll Professor of Medicine*

  
Kenneth E. Warner, Ph.D.  
Dean, School of Public Health  
*Avedis Donabedian Distinguished  
University Professor of Public Health*

May 2010