

PROMOTION RECOMMENDATION  
UNIVERSITY OF MICHIGAN  
MEDICAL SCHOOL  
DEPARTMENT OF INTERNAL MEDICINE

Approved by the Regents  
May 14, 2009

Brahmajee K. Nallamothe, M.D., assistant professor of internal medicine, Department of Internal Medicine, Medical School, is recommended for promotion to associate professor of internal medicine, with tenure, Department of Internal Medicine, Medical School.

Academic Degrees:

M.P.H.	2000	University of Michigan School
M.D.	1995	Wayne State University
B.S.	1993	Kent State University

Professional Record:

2004 – present	Assistant Professor of Internal Medicine, University of Michigan
1998 – 2000	Lecturer, Department of Internal Medicine, University of Michigan

Summary of Evaluation:

Teaching: Dr. Nallamothe has participated in introductory lectures and demonstrations on the cardiovascular physical examination with medical students. He has also participated in noon conferences and intern reports for residents. His cardiology fellow teaching responsibilities have been even broader, including a lead role in an interventional cardiology evidence-based journal review that occurs bi-weekly. Of note, his mentorship role in research for both residents and fellows has resulted in multiple peer-reviewed papers that have been led by house officers. Residents and fellows whom Dr. Nallamothe has mentored to date (three) now hold academic research positions at other institutions.

Scholarship: Dr. Nallamothe has two related research themes that grew out of an institutional K12 grant he was awarded during his first two years on faculty. The first research theme has addressed the effect of provider characteristics on variations in the use of cardiovascular procedures. His second research theme is related to the use of primary percutaneous coronary intervention (PCI) in ST-elevation myocardial infarction. These studies have been influential in shaping national policy in the form of the American Heart Association (AHA) Mission Lifeline and the American College of Cardiology (ACC) D2B [door to balloon time] Alliance programs. Dr. Nallamothe currently has over 70 peer-reviewed papers either published or in press in journals such as the *New England Journal of Medicine*, *JAMA*, *Circulation*, *Journal of the American College of Cardiology*, *European Heart Journal*, *Archives of Internal Medicine*, and *American Journal of Medicine*, with over half of these as first or senior author.

### Recent and Significant Publications:

Chan, PS, Krumholz, HM, Nichol, G, Nallamothu, BK: Delayed time to defibrillation after in-hospital cardiac arrest. *N Engl J Med* 358:9-17, 2008.

Nallamothu BK, Rogers MA, Chernew ME, Krumholz HM, Eagle KA, Birkmeyer JD: Opening of specialty cardiac hospitals and use of coronary revascularization in medicare beneficiaries. *JAMA* 297:962-968, 2007.

Nallamothu BK, Wang Y, Cram P, Birkmeyer JD, Ross JS, Normand ST, Krumholz HM.: Acute myocardial infarction and congestive heart failure outcomes at specialty cardiac hospitals. *Circulation* 116:2280-2287, 2007.

Nallamothu BK, Bates ER, Wang Y, Bradley EH, Krumholz HM: Driving times and distances to hospitals with percutaneous coronary intervention in the United States: implications for prehospital triage of patients with ST-elevation myocardial infarction. *Circulation* 113:1189-95, 2006.

Nallamothu BK, Bates ER, Herrin J, Wang Y, Bradley EH, Krumholz HM for the NRMII Investigators: Times to treatment in transfer patients undergoing primary percutaneous coronary intervention in the United States National Registry of Myocardial Infarction (NRMII)-3/4 Analysis. *Circulation* 111:761-767, 2005.

Service: Dr. Nallamothu is active in multiple service activities that have led to national and local leadership roles. Nationally, he serves on the editorial boards of *Circulation: Quality and Outcomes*, *Cardiology Reviews*, *Hospital Medicine*, and *Journal of Clinical Outcomes*. Additionally, he has been invited regularly to speak at regional and national meetings, including invited lectures at Duke, Emory, Baylor and Henry Ford. Recently, he served as a chair on national committees for both the AHA and the ACC; sat as an international expert for a Canadian consensus panel reviewing quality indicators for PCI; and participated as a writing group member for the updated 2008 ACC/AHA National Performance Measures Committee. He has served as an *ad hoc* reviewer for two NIH study sections and an American Academy for the Advancement of Sciences (AAAS) Life Sciences Discovery Fund. Dr. Nallamothu is participating as a writing member for the University of Michigan's coronary artery disease guidelines and is the co-director of the Department of Internal Medicine's Specialist Hospitalist Alliance Research Program (SHARP) that aims to expand research collaborations between hospitalists and subspecialists such as cardiologists. Dr. Nallamothu provides highly-specialized care in the cardiac catheterization laboratories at the University of Michigan and the Ann Arbor VA Medical Center, where he is the primary operator for several hundred diagnostic and interventional cardiac procedures each year. He also cares for patients on the inpatient cardiology consult service for approximately six to eight weeks each year.

### External Review:

Reviewer A: "Dr. Nallamothu has been remarkably productive for someone at his stage of career...his work has led to several high profile publications....As an outcomes and health

services researcher with a focus on coronary artery disease and heart failure Dr. Nallamothe is one of the most productive investigators in outcomes research in the United States...he has made outstanding contributions, particularly to the National Door to Balloon time (D2B) effort led by the American College of Cardiology...Dr. Nallamothe's achievements are substantial...he is well qualified for promotion to Associate Professor of Internal Medicine."

Reviewer B: "Dr. Nallamothe enjoys an excellent reputation among his colleagues that is based on his intellect, innovation, industry and talent...is one of a few who works to bridge the gap between clinical science and clinical medicine...several of his publications have...influenced the development of healthcare policy...his didactic lectures are organized and effectively delivered...I recommend his promotion with enthusiasm."

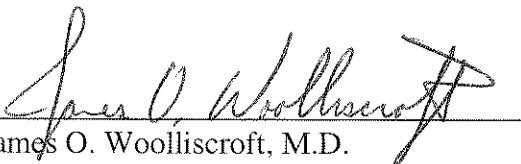
Reviewer C: "Dr. Nallamothe has established a nice professional niche for his research focused on both the impact of specialty care hospitals and methods to evaluate time to therapeutic intervention in patients with acute cardiac conditions. His papers have been of the utmost quality and have been published in outstanding high-impact journals...Compared with similar faculty at our institution who are being promoted on the tenure track, his bibliography is similar...Dr. Nallamothe has an incredibly impressive publication record both as a first author and as a collaborative author...His research is of great public health importance and he has made great contributions to our scientific knowledge."

Reviewer D: "...he has made important contributions in several distinct areas using a number of quantitative methodological approaches...This work...has important implications for the design of performance measures that can be reliably used to assess quality of care. This work is also extremely important in identifying gaps in quality of care...and in...regionalizing health care delivery...Dr. Nallamothe has also developed a niche in examining the quality of care and impact of specialty hospitals...In this area, Dr. Nallamothe's research has made several seminal contributions...this work also holds enormous implications for developing clinical guidelines and performance measures that can be, in turn, used to drive health care improvement...Dr. Nallamothe has begun to establish a solid track record as a successful independent investigator...Thus, at a time of less than robust funding for health services research nationally, Dr. Nallamothe has demonstrated the ability to successfully complete for funding from the most desirable sources. His activity as a speaker attests to the national reputation he has garnered and his standing in the field of cardiovascular health services research...In sum, his track record of organizational service and national presence is quite strong...I have no doubt that he would be promoted to Associate Professor with tenure at [my institution]."

Reviewer E: "Dr. Nallamothe is an outstanding and highly creative investigator in public policy and health services research aspects of clinical cardiology...Dr. Nallamothe challenges the cardiology establishment by questioning new technologies and innovations...only the very creative research ideas succeed in becoming Circulation, JAMA or NEJM publications. Clearly, Dr. Nallamothe has had more than his share of success in high-profile papers. Several...have had direct implications for public policy...Dr. Nallamothe is an outstanding young investigator and exceedingly productive. His work is well-respected and he looks destined to be a leader in cardiology policy research in the U.S....I strongly support his candidacy at Michigan."

Summary of Recommendation:

Dr. Nallamothe has become a true leader in the field of interventional cardiology. His advice and mentorship are highly sought by trainees and colleagues alike. His insight and focus are extraordinary and are recognized nationally as evidenced by the impact he has already made within the field. We have in Dr. Nallamothe a national expert and an outstanding university citizen. I am pleased to recommend Brahmajee K. Nallamothe, M.D. for promotion to associate professor of internal medicine, with tenure, Department of Internal Medicine, Medical School.

A handwritten signature in cursive script, reading "James O. Woolliscroft". The signature is written in dark ink and is positioned above a horizontal line.

James O. Woolliscroft, M.D.

Dean

*Lyle C. Roll Professor of Medicine*

May 2009