

PROMOTION RECOMMENDATION  
UNIVERSITY OF MICHIGAN MEDICAL SCHOOL  
DEPARTMENT OF FAMILY MEDICINE

Lee A. Green, M.D., Associate Professor of Family Medicine, with tenure, Department of Family Medicine, Medical School, is recommended for promotion to Professor of Family Medicine, with tenure, Department of Family Medicine, Medical School.

Academic Degrees:

1988	M.P.H.	University of Michigan
1983	M.D.	University of Michigan
1979	No degree	University of Michigan (left to enter Medical School)

Professional Record:

1996-Present	Associate Professor of Family Medicine, University of Michigan
1989-1996	Assistant Professor of Family Medicine, University of Michigan
1986-1989	Lecturer, Department of Family Medicine, University of Michigan
1988-Present	Lecturer, School of Public Health, University of Michigan

Summary of Recommendation:

Teaching: Dr. Green's teaching is notable for its high quantity and high quality, the latter documented by the receipt of two teaching awards. Because Dr. Green's expertise lies in the measurement and improvement of the quality of medical care, his teaching is not only evidence-based with regard to content but emphasizes the process of medical decision making. Because of his high level of clinical activity, including both a strong outpatient continuity practice and full assignments on the Department's obstetrical and nursery service, he has extraordinary influence on both residents and medical students. He has a third-year clerkship student working one-on-one with him for approximately 100 hours/year, for which the evaluations over the past five years have been above-average for the department (which enjoys the highest ratings of all third-year clerkships). He provides frequent core third-year clerkship presentation on evidence-based approaches to medical care and the role of clinical practice guidelines in medical practice, as well as teaching a core ten-hour session annually to family medicine residents on clinical epidemiology. He has also served in the past as the director and sole instructor for two different graduate courses in the School of Public Health and as the coordinator of an 800-level course in Psychology.

Dr. Green is known for his intense commitment to teaching at all levels of medical education, including nearly twenty CME presentations in the last few years and nearly forty presentations in the last ten years to outside hospitals, professional organizations, and national meetings of scientific associations. He has served as a research and career mentor to nearly twenty medical students, family medicine residents, residents from other disciplines including pediatrics and internal medicine, graduate students, and postdoctoral students.

Research: Dr. Green is an international resource in the field of medical decision making, evidence-based medical practice, and the development of rigorous clinical practice guidelines with national visibility and influence. This expertise also extends to the process by which physicians function cognitively, with some provocative studies and results related to counterintuitive approaches to decision making. Most recently, he has assumed the position of co-principal investigator of one of only ten grants funded by the NIH based on the Roadmap initiative designed to stimulate the translation of clinical research into widespread clinical practice. His leadership in the development and early implementation of this grant, which links two clinical centers of excellence at the University of Michigan (Depression, Cardiovascular) with a state-wide practice-based research network (Great Lakes Research Into Practice Network), was instrumental in the successful funding of this highly visible institutional initiative.

He has served as principal investigator on externally-funded research grants totaling approximately \$4 million in direct costs since 1995, and co-investigator on grants totaling approximately \$5 million, with a majority of the funding coming from the NIH, the NCI, and the CDC. The research supported by these grants has addressed studies of the process of care, the measurement of quality, and evidence-based approaches to chest pain, myocardial infarction, atrial fibrillation, hypertension, and asthma in primary care. This research has generated over forty data-based publications or invited editorials in the last ten years.

He has consulted with over twenty government agencies, health care insurance companies, and professional associations in the past ten years, including the American Heart Association, the Health Care Financing Administration, the Agency for Healthcare Research and Quality, Johns Hopkins University, and the NHLBI of the NIH. He has represented the American Academy of Family Physicians in several high profile and controversial practice guideline development committees in which critical boundary issues between specialty and primary care have been resolved. Of particular note is his appointment to the Executive Committee and Writing Committee for the Seventh Joint National Committee on the Prevention, Detection, and Treatment of High Blood Pressure (*JNC-VII*) of the NIH-NHLBI, perhaps the only academic family physician in the country to contribute at this level to a practice guideline committee of this stature and influence.

#### Recent and Significant Publications:

Christensen RE, Fetters MD, Green LA: Opening the black box: Cognitive strategies in family practice. *Ann Fam Med* 3:144-150, 2005.

Green LA, Nease DE Jr, Barry H, Hudson B, White L: Infrastructure requirements for practice-based research networks. *Ann Fam Med* 3(Suppl 1):5-11, 2005.

Chobanian AV, Bakris GL, Black HR, Cushman WC, Green LA, Issa JL Jr, Jones DW, Materson BJ, Oparil S, Wright JT Jr, Roccella EJ: National Heart, Lung, and Blood Institute Joint National Committee on Prevention, Detection, Evaluation, and Treatment of High Blood Pressure; National High Blood Pressure Education Program Coordinating Committee. The seventh report of the joint national committee on prevention, detection, evaluation, and treatment of high blood pressure: The JNC 7 report. *JAMA* 289:2560-2572, 2003.

Green LA, Gorenflo DW, Wyzewianski L: Michigan Consortium for Family Practice Research. Validating an instrument for selecting interventions to change physician practice patterns: A Michigan Consortium for Family Practice Research Study. J Fam Pract 51(11):938-942, 2002.

Green LA, Mehr DM: What alters physicians' decisions to admit to the coronary care unit? J Fam Pract 45(3):219-226, 1997.

Service: Dr. Green has made substantial contributions to a wide range of clinical and academic committees, including the department's Advisory Committee on Promotion and Tenure, the department's most recent internal review, and a recent period of service as Assistant Chair for Research Programs. He has also served for the past six years as the co-director and now director of a major community-based, practice-based research network which has become a central resource and infrastructure for major institutional grant applications as well as many projects based within the Department of Family Medicine. He is currently serving as a member of IRBMED. He has been particularly influential as the primary physician faculty member responsible for the UMHS GUIDES program (clinical practice guidelines committee), which has a national reputation for its development, updating and dissemination of a wide range of primary care guidelines that are frequently approved for listing on the National Guidelines Clearinghouse web site. Dr. Green has maintained a substantial continuity practice at the Briarwood Family Medicine Center, including the performance of a broad range of outpatient surgical procedures. His productivity is considerably above the mean for the department and his site.

External Review:

Reviewer A: "...I am impressed by his extensive involvement in establishing practice guidelines in a variety of clinical areas. His national reputation is also evidenced by his participation on editorial boards relating to family practice and on grant review committees."

Reviewer B: "He is an incredibly active and visible family physician on a national level. He has strongly influenced the development of the discipline through his research, his writings, his teaching, and as a role model....his scholarly activities (in particular, the application of evidence-based medicine on national guidelines) have profoundly influenced the overall practice of medicine."

Reviewer C: "There is really no question that Dr. Lee [sic] has a national reputation in his field. This reputation is backed by his involvement in a remarkably active research program supported by government agencies, as well as private organizations such as third party payers....A solid and well based national reputation, backed up by an active pioneering research program are the landmarks of Dr. Lee's [sic] career."

Reviewer D: "Dr. Green is widely regarded for his contributions, and it known as a thoughtful and insightful health services researcher in the areas of cardiovascular disease, particularly, ischemic heart disease."


Reviewer E: “As a scholar, he has a notable reputation for his work in evidence-based medicine, medical decision making and health services research, with particular interest in improving physicians’ decision making for patients with common, important medical problems....Dr. Green has also contributed his services to a variety of important national organizations, including taking leadership roles in several.”

Reviewer F: “...Dr. Green is viewed as a thought leader in cardiovascular issues and evidence-based practice in both international, as well as national, circles.”

Reviewer G: “As a researcher, he is unquestionably in the top one percentile in our discipline....He is recognized within our discipline, and really across all specialties, as a national expert in clinical guideline development, particularly in the area of cardiovascular diseases.”

Summary of Recommendation:

Dr. Green is considered one of the department’s most successful academic physicians, investigators, and research leaders. His expertise has led to substantial grant funding as well as significant influence on the career development of residents, graduate students, clinician-teachers, and investigators. More importantly, his expertise has influenced the practice of literally thousands of family physicians through his contributions to major national clinical practice guidelines and their dissemination. I am pleased to recommend Dr. Green for promotion to Professor of Family Medicine.



---

Allen S. Lichter, M.D., Dean  
*Newman Family Professor  
of Radiation Oncology*

May 2006