

PROMOTION RECOMMENDATION
UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF INTERNAL MEDICINE

Approved by the Regents
May 16, 2013

Sandeep Vijan, M.D., associate professor of internal medicine, with tenure, Department of Internal Medicine, Medical School, is recommended for promotion to professor of internal medicine, with tenure, Department of Internal Medicine, Medical School.

Academic Degrees:

M.S.	1995	University of Michigan School of Public Health
M.D.	1992	University of Michigan, Ann Arbor, Michigan
B.S.	1989	University of Michigan, Ann Arbor, Michigan

Professional Record:

2006-present	Associate Professor of Internal Medicine, University of Michigan
1999-2006	Assistant Professor of Internal Medicine, University of Michigan
1997-1999	Lecturer, Department of Internal Medicine, University of Michigan

Summary of Evaluation:

Teaching: Dr. Vijan's teaching reflects the breadth of his work as a physician scientist. It ranges from mentoring residents, fellows and junior faculty members in their research programs, to clinical teaching of medical students and residents in clinical settings. He is in high demand nationally and internationally for his expertise in developing and implementing standards of care in Type 2 Diabetes, including Continued Medical Education (CME) lectures at national meetings of the American Diabetes Association, as well as presenting at many national and international meetings. Dr. Vijan's commitment to teaching is evidenced by the many trainees, and fellows who he has mentored. Many of them have gone on to their own successful careers. It is clear from these educational activities that he is very committed to this key academic role.

Research: Dr. Vijan's research focus is on interpreting evidence to define ideal standards of care for patients with Type 2 Diabetes, in an attempt to move both health policy and clinical work forward. This work has led to 80 peer-reviewed publications to date, in top-tier journals such as *New England Journal of Medicine*, *Journal of the American Medical Association*, *Annals of Internal Medicine*, *Archives of Internal Medicine*, *Journal of the American College of Cardiology*, *Health Affairs*, and *Circulation*. He also has six book chapters. Dr. Vijan has achieved a strong portfolio of research funding and is a program project PI on two NIH P01 grants. His research stature is recognized by the invitation to chair a national VA HSR&D study section, his service on several peer-review boards, and his editorial board position for the journal *Medical Care Research and Review*. He is viewed nationally and internationally as a leader and innovator in his areas of investigation.

Recent and Significant Publications:

Cutler DM, Rosen AB, Vijan S: Value of medical spending in the United States, 1960-2000. *N Engl J Med* 355:920-927, 2006.

Chan P, Nallamothu BK, Gurm HS, Hayward RA, Vijan S: Incremental benefit and cost-effectiveness of high-dose statin therapy in high-risk patients with coronary artery disease. *Circulation* 115:2398-2409, 2007.

Vijan S, Hwang I, Choi JR, Napierkowski J, Koff J, Inadomi J, Pickhardt P, Wong R: The cost-effectiveness of CT colonography in screening for colorectal cancer. *Am J Gastroenterol* 102: 380-390, 2007.

Rosen AB, Cutler DM, Norton DM, Hu HM, Vijan S: Trends in the value of coronary heart disease care in the US: 1987-2002. *Health Affairs* 26:111-123, 2007.

Hayward RA, Krumholz HM, Zulman D, Timbie JW, Vijan S: Optimizing statin treatment for primary prevention of coronary artery disease. *Annals of Internal Medicine* 152:69-77, 2010.

Service: Dr. Vijan contributes significantly to the patient care activities in the Division of General Medicine in both outpatient and inpatient settings. Dr. Vijan also contributes his time to service as a member of the Veterans Administration's Discharge Process Improvement Committee, VISN 11 No Preventable Harms Campaign Committee, and Transitions in Levels of Care (TLC) Committee. At the University of Michigan, he is the chair and project team leader for Type 2 Diabetes guidelines, is a member of the UMHS cancer screening guideline team, and provides regular feedback on quality measurement and standards of care to the UMHS and outside organizations, including the ACP and the American Diabetes Association. He is a member of SGIM, and often serves as a reviewer for national meetings, and he is on the steering committee of the National Diabetes Education Program.

External Reviewers:

Reviewer A: "Dr. Vijan is best known for applying the tools of cost-effectiveness analysis to treatment approaches for diabetes, coronary artery disease, and gastrointestinal disease. Several of his studies have had important implications for guideline writing committees and clinical policy."

Reviewer B: "Dr. Vijan is an extraordinarily bright and productive investigator who has made major contributions to our understanding of the cost-effectiveness of a wide variety of medical interventions....Dr. Vijan has worked at the intersection of cost, quality and outcomes and has authored several landmark papers."

Reviewer C: "Another key contribution made by Dr. Vijan has been his role as a highly successful physician scientist within the field of academic hospital medicine. At the present time, there are relatively few successful clinical investigators who are identified within the field of hospital medicine and only a handful of hospital medicine sites nationally are achieving

substantial success as research programs. Dr. Vijan is a major figure in this emerging academic area and providing critical leadership for junior faculty who are pursuing careers as health services researchers within hospital medicine.”

Reviewer D: “Dr. Vijan is a health services researcher focused on the care of chronic patients with expertise in the use of modeling in general and cost-effectiveness analyses in particular to bring light to issues of critical clinical and policy importance. In this niche, he is among the top 5 people in the world....Dr. Vijan appears to have achieved a balanced career with excellent contributions to education as an accomplished mentor and institutional, national, and international service advocating for optimal treatment and care for patients with chronic conditions....He is a world leader in health services research and economic analyses, particularly in diabetes.”

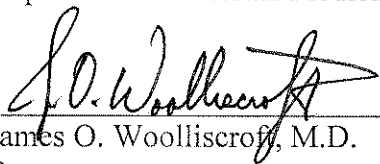
Reviewer E: “...Dr. Vijan is a very talented, well-trained, highly focused individual who has developed a strong record in an important and significant clinical and policy area of evidence evaluation and guidelines for preventive care for diabetes. His research awards, commitment to mentoring, his service on multiple advisory and guideline panels, as well as his record of grant support are a testament to the importance of his work.”

Reviewer F: “Dr. Vijan’s work has been pivotal to improving our understanding of many of the cost benefit tradeoffs inherent in medicine....Dr. Vijan is known for the rigor of his work as a serious scientist who tackles important clinical health policy problems. My sense is that he is in the upper echelon along with his colleague Rodney Hayward of the top scientists nationally who do this type of work.”

Reviewer G: “I have always been impressed with Dr. Vijan’s research, which has had significant impact on informing health policy....He is in the top 10% of clinician-investigators in his cohort...He has been very productive and has an outstanding funding track record. His national reputation is evidenced by his large number of high impact publications and his invitation to chair a national VA HSR&D study section.”

Summary of Recommendation:

Dr. Sandeep Vijan is an innovative, collegial, and highly productive faculty member. He is an exceptional clinician and scholar who is highly regarded by his peers and serves the University with distinction. He has demonstrated excellent academic leadership and I enthusiastically recommend Sandeep Vijan, M.D. for promotion to professor of internal medicine, with tenure, Department of Internal Medicine, Medical School.


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

May 2013