

PROMOTION RECOMMENDATION
UNIVERSITY OF MICHIGAN MEDICAL SCHOOL
DEPARTMENT OF INTERNAL MEDICINE

Approved by the Regents

May 17, 2007

John D. Piette, Ph.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:

Ph.D.	1992	Brown University
M.P.H.	1987	Harvard School of Public Health
B.A.	1985	University of Wisconsin

Professional Record:

2001-Present	Associate Professor of Internal Medicine, University of Michigan
1998-2001	Faculty Associate, Center for Health Policy and Center for Primary Care and Outcomes Research, Stanford University
1993-2001	Senior Research Associate, Center for Health Care Evaluation, Veterans Affairs Palo Alto Health Care System and Stanford University
1992-1993	Senior Research Analyst, Institute for Health Policy Studies, University of California, San Francisco

Summary of Evaluation:

Teaching: Dr. Piette has made a significant commitment to teaching and mentoring. Since 2002, he has taught the weekly Evidence-Based Medicine Seminar required for all Internal Medicine residents during their ambulatory care rotation. Also since 2002, he has led the Evidence-Based Medicine elective for fourth-year medical students. Although many of those sessions include other medical school faculty, he co-leads each session. Overall, these two formal courses represent 150 hours of teaching per year. In addition, Dr. Piette has been an active mentor for multiple junior researchers at UM and other institutions. Students and interns in Dr. Piette's formal courses on Evidence-Based Medicine regularly complete quantitative evaluations of his teaching, and those have been consistently very positive, with the vast majority of learners reporting that they are very satisfied with the rigor and usefulness of the information provided. Attending physicians have noted multiple times that they perceive a difference in the quality of trainees' ability to comprehend and apply medical research after participating in Dr. Piette's course. One of Dr. Piette's primary UM faculty mentees is Michele Heisler, Assistant Professor in General Medicine. Largely based on their collaborative work, Dr. Heisler has published numerous excellent papers, received the prestigious Hamolsky Junior Faculty Award from the Society for General Internal Medicine, and received a VA Career Development Award. She is the co-principal investigator for one of Dr. Piette's ongoing randomized trials of a novel diabetes care management service and the principal investigator (with him as Co-PI), of an NIH

application that recently received a score at the 7th percentile. Dr. Piette is frequently sought out as a mentor for junior faculty, largely because of his interactive style and novel approaches to care management intervention development and evaluation.

Research: Much of Dr. Piette's research addresses clinically-focused questions about the processes and outcomes of chronic illness care, with special emphasis on treatment models for patients with diabetes. He is a VA Career Scientist, although he expects to foster increasing health services research within UMHS, as part of his role as Director of the new Program on Quality Improvement for Complex Chronic Conditions. Outside of UM, Dr. Piette is on the editorial boards for three major journals, he is a frequent collaborator with investigators at other universities nationally and internationally, and he frequently is an invited speaker on health information technology at academic meetings, universities, and health systems. Dr. Piette has been the principal investigator or co-principal investigator for ten competitive research grants, including four funded by NIH and four RO1-equivalent applications funded by the VA. Currently, he is the PI or Co-PI for two NIH studies, one VA RO1 equivalent, and one study funded by the American Diabetes Association. He has been awarded a total of \$5.3M in research funding since coming to UM in 2001 (direct costs only) including \$4M in NIH funding. He is a Co-Investigator on projects led by colleagues at Harvard Medical School, Stanford, and other institutions. Dr. Piette is one of nine scientists nationally to hold a VA Career Scientist Award, which funds roughly 80% of his UM salary. He has published 79 papers in peer-reviewed journals, including 38 as first author and 17 as senior author. His published work includes the results of important randomized trials demonstrating novel care management strategies, studies of the ways in which doctor-patient communication can help to improve patients' self-care, and studies of the ways in which patients' medication cost pressures can be exacerbated by poor processes of care. Since coming to UM in 2001, Dr. Piette has been an invited speaker at international scientific meetings in the UK, Chile, Paris, Mexico, and Canada. He has an ongoing collaboration with the Schools of Medicine and Nursing at the Universidad Catolico in Santiago de Chile and travels to Chile to meet with those collaborators twice annually. He recently was named as a scientific advisor to the Chilean Federal Fund for the Promotion of Scientific and Technological Development (the Chilean equivalent of the National Academy of Science). Dr. Piette also has ongoing collaborations with researchers at the Ottawa Health Sciences Institute, and the Center for Health Care Research at the University of Brighton in the UK.

Recent and Significant Publications:

Piette JD, Heisler M, Horne R, Alexandar GC: A conceptually-based approach to understanding chronically-ill patients' responses to medication cost pressures. *Social Science and Medicine* 62:846-857, 2006.

Piette JD, Wagner TH, Heisler M: Characteristics beyond cost alone affect patients' willingness to forgo medication use when facing cost pressures. *Journal of Clinical Epidemiology* 59(7):739-746, 2006.

Piette JD, Heisler M, Krein S, Kerr EA: The role of patient-physician trust in moderating medication non-adherence due to cost pressures. *Archives of Internal Medicine* 165(15):1749-1755, 2005.

Piette JD, Heisler M, Wagner TH: Cost-related medication under-use: Do patients with chronic illnesses tell their doctors? *Archives of Internal Medicine* 164(16):1749-1755, 2004.

Goldberg LR, Piette JD, Walsh MN, et al: A prospective randomized trial of the AlereNet monitoring system to determine outpatient efficacy in patients with advanced congestive heart failure: The WHARF (Weight Monitoring in Heart Failure) Trial. *American Heart Journal* 146(4):705-712, 2003.

Service: Dr. Piette is the Chair of the Behavioral Medicine and Psychology Council of the American Diabetes Association and sits on the Scientific Planning Committee for the ADA's annual meeting. He is a consultant to the Chilean National Research Fund (the federal equivalent to the National Academy of Science) and a Visiting Professor to one of the most prestigious universities in that country. Within the University of Michigan, he serves on the General Medicine Research Council, the Division of Geriatrics Faculty Hiring Committee, and is a faculty mentor for the Robert Wood Johnson Clinical Scholars Program. Through his new role as Director of the VA/UM Research Program for Quality Improvement in Complex Chronic Conditions, he will have a very important role in developing and applying new care management strategies within the UMHS, MCARE, and statewide.

External Review:

Reviewer A: "He was an excellent speaker at research seminars, equipped with a thorough understanding of the relevant methodologies and gifted with an ability to speak meaningfully to a wide variety of audience participants...He is an outstanding health services researcher."

Reviewer B: "...Dr. Piette's record of scientific publication and external funding is outstanding and exceeds levels of productivity of his peers nationally...In sum, Dr. Piette is an accomplished and prolific investigator who has established an enviable and consistent track record of excellent in research and a strong national reputation...He is extremely well regarded by peers nationally and is someone who would be highly sought by most institutions as a candidate for a leadership position in health services research."

Reviewer C: "There are only a small handful of innovative thinkers nationally who have had the impact that John has had in terms of his personal innovations and in stimulating new research...His accomplishments to date would easily earn him a position of comparable rank [at my institution], if only we could convince him to join us."

Reviewer D: "His work on self-management is of the highest quality and has very much informed and shaped how other researchers approach the development and evaluation of interventions designed to support self-management for persons with chronic diseases."

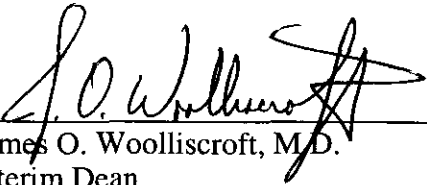
Reviewer E: "...Dr. Piette has achieved growing national recognition for both the quality and importance of his work."

Reviewer F: "John Piette has been a pioneer in three emerging fields of great importance, and has also brought these three fields together....Virtually all of his research projects have also been quality improvement projects."

Reviewer G: "...Dr. Piette began to explore the impact of patients' out-of-pocket medication costs on their medication adherence and health outcomes....John Piette has done the best empirical work in this area, explored the most aspects of this topic, and given more impetus to this area of inquiry than any other researcher, hands down....The implications and relevance of this line of research inquiry to US health policy are obvious."

Summary of Recommendation:

Dr. Piette is very active in the Medical School's teaching program, leading two formal courses and being actively involved in mentoring multiple junior investigators. His teaching regularly receives excellent reviews. He is an internationally recognized leader in chronic illness care health services research, with an extremely impressive history of success in federal research funding, prolific publication in top research journals, and a growing international network of collaborative research studies. He serves on multiple national scientific committees and has had an active service role here. We are indeed fortunate to have faculty of Dr. Piette's caliber committed to the critical missions of the University of Michigan and our affiliated VA Health System. Thus, I enthusiastically recommend Dr. John D. Piette for promotion to Professor of Internal Medicine.


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

May 2007