

PROMOTION RECOMMENDATION  
UNIVERSITY OF MICHIGAN  
MEDICAL SCHOOL  
DEPARTMENT OF INTERNAL MEDICINE  
SCHOOL OF PUBLIC HEALTH  
DEPARTMENT OF HEALTH MANAGEMENT AND POLICY

Approved by the Regents  
May 14, 2009

Kenneth M. Langa, M.D., Ph.D., associate professor of internal medicine, with tenure, Department of Internal Medicine, Medical School, and associate professor of health management and policy, without tenure, Department of Health Management and Policy, School of Public Health, is recommended for promotion to professor of internal medicine, with tenure, Department of Internal Medicine, Medical School, and professor of health management and policy, without tenure, Department of Health Management and Policy, School of Public Health [also being promoted to research professor, Institute of Gerontology, Medical School].

Academic Degrees:

M.D.	1994	Pritzker School of Medicine, University of Chicago
Ph.D.	1992	University of Chicago
B.A.	1985	Amherst College, <i>summa cum laude</i>

Professional Record:

2006-present	Associate Professor of Internal Medicine, University of Michigan
2008-present	Associate Professor of Health Management and Policy, University of Michigan
2004-present	Research Assistant Professor, Institute of Gerontology, University of Michigan
2005-2008	Assistant Professor of Health Management and Policy, University of Michigan
2003-2004	Assistant Research Scientist, Institute of Gerontology, University of Michigan
2000-2006	Assistant Professor of Internal Medicine, University of Michigan
1999-2000	Lecturer, Department of Internal Medicine, University of Michigan

Summary of Evaluation:

Teaching: Dr. Langa's main teaching activities have been directed toward mentoring fellows and junior faculty in the areas of health services and health policy research. Dr. Langa is currently mentoring ten junior faculty. He has spent significant time providing teaching and advice regarding: 1) conceptualizing research questions and data analyses; 2) the use of large administrative and survey databases for health services and health economics research; 3) writing research manuscripts; and 4) writing grant proposals. During his sabbatical year at Cambridge University, he began mentoring and collaborating with Dr. David Llewellyn, a research associate in the Institute of Public Health, and has continued working with him after returning to Michigan. Dr. Langa provided funding for 50% of Dr. Llewellyn's salary over the past academic

year through his Beeson Physician Faculty Scholar Award, and he and Dr. Llewellyn are collaborating on a number of grant proposals in order to secure additional funding for Dr. Llewellyn's junior faculty career. Dr. Langa also secured funding for 75% of Dr. Tanya Ruff Gure's first two years on faculty in the Division of Geriatric Medicine through an NIH Diversity Supplement to his current NIH R01 grant. Since promotion to associate professor, Dr. Langa has been a member of two dissertation committees for Ph.D. students in the School of Public Health. Over the last two years, Dr. Langa's teaching and mentoring has contributed to ten senior-authored or co-authored publications with fellows and junior faculty, with an additional 12 publications currently under review. Dr. Langa's clinical teaching has included mentoring residents in the Ambulatory Care Clinic at the Ann Arbor VA for ½ day per week since 1999. Dr. Langa's most recent aggregate evaluations from 40 housestaff whom he has supervised showed: 1) 100% agreed that he was "enthusiastic and stimulating"; 2) 97.5% agreed that he "is interested in helping residents to learn"; and 3) 97.5% agreed that "overall he is a good clinical teacher." Dr. Langa also teaches M1 and M2 students in the medical school by leading small-group sessions for a number of different topics, including: 1) Patients and Populations; 2) Evidence-Based Medicine; and 3) Doctors as Patients.

Research: Dr. Langa's research has been in the general area of the epidemiology and economics of aging, with a focus on Alzheimer's disease and other dementias. The strength of his research program is demonstrated by his being continually funded as the principal investigator on NIH grants (K08 and R01) since his second year on faculty. He also received the prestigious Paul Beeson Physician Faculty Scholars in Aging Research Award (2003 through 2008). Dr. Langa's salary has been fully supported by extramural funding since August 2001 (except for his sabbatical leave). Dr. Langa is one of six University of Michigan co-investigators on the large-scale Health and Retirement Study (HRS). The HRS is a nationally representative longitudinal study of 22,000 U.S. adults that has been continuously funded by the National Institute on Aging since 1990. The most recent renewal of the HRS in 2006 was the largest single research grant ever received by the University of Michigan (\$85 million over six years). Dr. Langa is the lead investigator for the Aging, Demographics, and Memory Study (ADAMS), a supplement to the HRS focused on the population-based study of dementia. This grant funding has allowed Dr. Langa to be extremely productive in publishing peer-reviewed research. In 2007 and 2008 alone (since promotion to associate professor), Dr. Langa has published 17 articles in peer reviewed journals, and another 12 articles are currently under review. A recent first-authored article on trends in cognitive impairment in the United States was widely reported by the lay press, including the *New York Times*, *Boston Globe*, *Los Angeles Times*, *USA Today*, *Time Magazine*, and *National Public Radio*. This research was highlighted in the National Institute on Aging's report to the U.S. Congress in April of 2008. In addition to spearheading his own projects, Dr. Langa is very involved in "team science" and has a number of collaborative efforts that have also led to publications. Dr. Langa is now recognized as an international expert in the area of dementia epidemiology and economics, as shown by his invited presentations in Spain, Scotland, England, and Ireland since 2006. Dr. Langa was also recently invited to write an editorial (with Dr. Eric Larson) for the British journal *The Lancet* regarding a study on dementia prevalence in the developing world.

### Recent and Significant Publications:

Llewellyn D, Lang I, Huppert F, Melzer D, Xie J, Langa KM: Framingham stroke risk profile and cognitive function: A population-based study. *BMC Neurology* 8(1):12, 2008.

Langa KM, Larson E, Karlawish J, Cutler D, Kabeto M, Kim S, Rosen A: Trends in the prevalence and mortality of cognitive impairment in the United States: Is there evidence of a compression of cognitive morbidity? *Alzheimer's & Dementia* 4(2):134-144, 2008.

Plassman B, Langa KM, Fisher G, Heeringa S, Weir D, Ofstedal MB, Burke J, Hurd M, Potter G, Rodgers W, Steffens D, McArdle J, Willis R, Wallace R: Prevalence of cognitive impairment without dementia in the United States. *Annals of Internal Medicine* 148(6): 427-434, 2008.

Gure T, Kabeto M, Blaum C, Langa KM: Degree of disability and patterns of caregiving among older Americans with congestive heart failure. *J of General Internal Medicine* 23(1): 70-76, 2008.

Cigolle C, Langa KM, Kabeto M, Blaum C: Geriatric conditions and disability: The Health and retirement study. *Annals of Internal Medicine* 147(3): 156-164, 2007.

Service: Dr. Langa has been the co-director of the UM Patient Safety Enhancement Program (PSEP) since 2001. In this administrative capacity, he has worked with Sanjay Saint (director of the PSEP) to improve the quality of patient care by conducting research that focuses on methods of avoiding or preventing adverse patient outcomes or injuries that stem from the processes of healthcare. Dr. Langa was named as an associate director of the Institute of Gerontology in May 2008 in recognition of his current leadership in promoting research across the University on older adults. In this role, he will work with Jeffrey Halter (director of the IoG) to further support and promote population-based research on aging and chronic disease, with a special emphasis on mentoring junior faculty in the Divisions of Geriatric and General Medicine. In 2007, Dr. Langa was named to the Department of Medicine's Faculty Performance and Compensation Committee. Finally, Dr. Langa is currently serving a term as a standing member of the Behavioral and Social Science of Aging Review Committee, National Institute on Aging, National Institutes of Health.

Dr. Langa sees General Medicine clinic patients for ½ day per week in the Ambulatory Care Clinic at the Ann Arbor VA Medical Center, and has performed these clinical duties since joining the faculty in 1999. In his most recent annual review from the VA, he received the highest possible ranking ("outstanding") for his overall clinic competence.

### External Review:

Reviewer A: "Ken has nearly a ten year track record of high impact scholarship....He has attracted a talented group of junior faculty to his laboratory and these junior faculty scientists are themselves publishing in first-rate journals and competing successfully for extramural funding."

Reviewer B: “Dr. Langa brings to this and similar projects the unique talents and perceptions of a highly skilled and thoughtful clinician/geriatrician as well as his research talents in critical analyses....Dr. Langa is a superb clinician researcher who more than fulfills the requirements for promotion to Professor as outlined. His work brings great credit to your department and your University.”

Reviewer C: “...Dr. Langa is an outstanding investigator in aging health services research. He has made fundamental discoveries that advance the field and contribute to other areas, especially health policy. He is deeply respected nationally and internationally, serves the field well, and will make outstanding contributions over the coming years.”

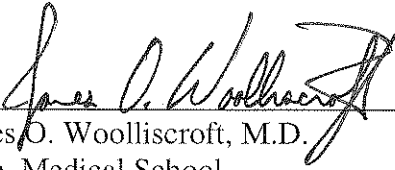
Reviewer D: “Of major significance are Dr. Langa’s most recent peer-reviewed published manuscripts, which highlight his research of cognitive impairment and cognitive morbidity, which received extensive lay-press coverage and was highlighted in the NIA’s report to the US Congress earlier this year...”

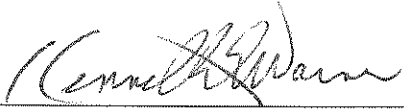
Reviewer E: “...Dr. Langa has demonstrated a sustained ability to obtain funding and has amassed a strong track record of high quality scientific publication. Moreover, his expertise in both traditional quantitative methods and health economics and financing places him among a select group of physician investigators nationally....I view him as one of the bright lights within the field of aging health services research.”

Reviewer F: “It is obvious from his CV that Ken is mentoring several trainees and junior investigators from several disciplines. Mentoring the next generation of scholars is a key criterion of a successful physician investigator....The University of Michigan is lucky to have Ken.”

Summary of Recommendation:

Kenneth M. Langa, M.D., Ph.D. has emerged as one of the leading figures in the study of chronic diseases in the elderly with specific attention to the economics of dementia and Alzheimer’s disease. His success has stimulated intense national interest in recruiting him to other institutions. Accordingly, we are delighted that he has chosen to remain on our faculty at the University of Michigan and enthusiastically support his promotion to professor in the Department of Internal Medicine and in the Department of Health Management and Policy.

  
James O. Woolliscroft, 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*