

PROMOTION RECOMMENDATION  
The University of Michigan  
School of Public Health  
Department of Environmental Health Sciences

Eduardo Villamor, associate professor of environmental health sciences, without tenure, Department of Environmental Health Sciences, School of Public Health, is recommended for the granting of tenure to be held with his title of associate professor of environmental health sciences, Department of Environmental Health Sciences, School of Public Health [also associate professor of epidemiology, without tenure, Department of Epidemiology].

Academic Degrees:

2001 DrPH Harvard University School of Public Health, Boston, MA  
Major concentrations: Epidemiology and Nutrition. Minor: Biostatistics  
1996 MPH School of Public Health and Medicine, University of Jerusalem, Hadassah, Israel  
1993 MD National University of Columbia Medical School, Bogatá, Columbia

Licensure

1995- Ministry of Health, Columbia, Medical Doctor License No. 32/95

Professional Record:

2010-present Faculty Associate; Center for Global Health, University of Michigan, School of Public Health, Ann Arbor, MI  
2010-present Faculty Associate; Center for Social Epidemiology and Population Health, University of Michigan, School of Public Health, Ann Arbor, MI  
2009-present Associate Professor; Departments of Environmental Health Sciences and Epidemiology, University of Michigan, School of Public Health, Ann Arbor, MI  
2009-present Adjunct Assistant Professor of International Nutrition; Harvard School of Public Health, Boston, MA  
2005-2009 Assistant Professor of International Nutrition; Departments of Nutrition (since 2005), Epidemiology (since 2007), and Society, Human development, and Health (since 2008), Harvard School of Public Health, Boston, MA

Summary of Evaluation:

Teaching: Since joining the University of Michigan in 2009, Dr. Villamor created a course on the Developmental Origins of Health and Disease (EHS 697). The content and format of this course are central to not only his own research, but also nutrition and epidemiologic research worldwide that seeks to understand early determinants of chronic disease as a basis for ultimately preventing their increasing trends. The course was expanded to 3 credits in 2010-2011, based on excellent reactions among the MPH, MS, and PhD students in HN, EHS, and EPID who participated. Median ratings for the course and the instructor were, respectively, 4.80 and 4.92. This is not surprising, since in his prior position as a tenure track faculty member at the Harvard School of Public Health, Dr. Villamor designed and taught a multidisciplinary course on "Obesity Epidemiology" that was among the most highly rated courses in both years it was taught (2007 and 2008). Dr. Villamor also developed and is currently teaching EHS 662/EPID 662 (Methods in Nutritional Epidemiology), the cornerstone course for the future nutritional epidemiology concentration for doctoral students.

In addition, he has taught two guest lectures, one in "Topics in EHS" and one in "Epidemiology of Chronic Disease" on maternal obesity and lectured at the Michigan Metabolomics and Obesity Symposium in October 2009, and at Pediatric Grand Rounds at Mott Children's Hospital. Dr. Villamor is

also involved in the development of lectures for several international training programs, including the nutrition module for the Master of International Health from the Spanish NIH and epidemiologic study design modules for the Summer Research Methods Workshop for Spanish and Latin American scholars by the David Rockefeller Center for Latin American Studies at Harvard. As part of his involvement in the NHLBI/Global Health Initiative, he organized a four-day course on Epidemiologic Research Methods in Panama City, with participation of two other faculty members from UMSPH. A second course in El Salvador is scheduled for the following year.

Dr. Villamor had an excellent track record of mentorship while at Harvard and has only just begun to recruit UMSPH doctoral students to his research program. We are confident that he will become a superb mentor for both doctoral and masters students in the Department.

Research: Dr. Villamor has established an independent research program focused on the study of nutritional determinants of maternal and child health from an epidemiological perspective and with a global health vision. This research program unfolds at international settings in the context of multiple collaborations with institutions and colleagues in Africa, Europe, and Latin America. His contributions to scholarship in this field fall within four domains: (1) early prevention of nutrition-related chronic diseases in developing countries; (2) developmental origins of health and disease; (3) perinatal and reproductive epidemiology, and (4) nutritional immunology. One of his most important efforts has been the creation of the Bogota School Children Cohort, a longitudinal study of 3,200 school children from Bogota, Colombia, that is designed to identify determinants of child obesity in a country experiencing the epidemiologic transition. In only four years from its inception, the study has yielded 10 peer-reviewed publications, several private funding awards, and two NIH grant proposals currently under review; it has provided training opportunities to several graduate students and post-doctoral fellows, including field work, and has informed policy to the local city government on the effectiveness of ongoing programs at public schools. Another is his work as co-principal investigator in the new NHLBI/Global Health Initiative, which established 11 Centers of Excellence for the prevention of chronic disease in 11 countries from Africa, Latin America, and Asia. His involvement includes conducting a survey of emerging nutrition-related risk factors for chronic disease in school-age children and their parents from nine countries in Central America, and training of professionals from the region on epidemiologic research.

Dr. Villamor has published over 80 peer-reviewed papers, the majority as first, senior, or second author, in leading medical journals such as *Lancet*, *New England Journal of Medicine*, *American Journal of Epidemiology*, and *American Journal of Clinical Nutrition*, among many others. Several of these have been editorialized and have received widespread coverage in the international press media. He was the recipient of the young investigator award by the American Society for Tropical Medicine and Hygiene and has been invited to chair sessions and to serve as keynote speaker at several international nutrition meetings. He has a number of on-going projects, pilot projects and pending grant applications that are rapidly building collaborations at the University of Michigan and promise to greatly expand this work's impact and reach.

Recent and Significant Publications:

Villamor E, Iliadou A, Cnattingius S. (2010) Evidence for an effect of fetal growth on the risk of tuberculosis. *Journal of Infectious Diseases*, 201:409-13.

Arsenault JE, Mora-Plazas M, Forero Y, Lopez-Arana S, Marin C, Baylin A, Villamor E. (2009) Provision of a school snack is associated with vitamin B12 status, linear growth, and morbidity in children from Bogota, Colombia. *Journal of Nutrition*, 139:1744-50.

Villamor E, Mugusi F, Urassa W, Bosch RJ, Saathoff E, Matsumoto K, Meydani SN, Fawzi WW. (2008) A trial of the effect of micronutrient supplementation on treatment outcome, T-cell counts,

morbidity, and mortality in adults with pulmonary tuberculosis. *Journal of Infectious Diseases*, 197:1499-1505.

Villamor E, Cnattingius S. (2006) Interpregnancy weight change and risk of adverse pregnancy outcomes: A population-based study. *Lancet*, 368:1164-70.

Villamor E, Saathoff E, Bosch RJ, Hertzmark H, Baylin A, Manji K, Msamanga GI, Hunter DJ, Fawzi WW. (2005) Vitamin supplementation to HIV-infected women improves post-natal child growth. *American Journal of Clinical Nutrition*, 81:880-888.

Service: Dr. Villamor has served on the departmental Academic Degree Programs Committee since his arrival at Michigan. He also represented the School of Public Health at the Michigan Institute for Clinical and Health Research Biorepository Committee and participated in student recruitment activities and met with faculty candidates for the Department of Epidemiology. He recently became a faculty associate of the Center for Global Health, and the Center for Social Epidemiology and Population Health, and contributes to their activities. Dr. Villamor has served on study sections at the National Institute of Health and as a reviewer of study proposals for the Wellcome Trust (the British equivalent to the NIH), the Gates Foundation, the Israeli Science Foundation, and the Nestle Foundation among others. He has also served as a peer-reviewer for more than 25 journals, and is an active member of five professional societies.

#### External Reviewers:

Reviewer (A): “Dr. Villamor has an extraordinary record of peer review publications, and many of the papers are in outstanding high-impact journals. ...I can confidently state that his work would merit an award of tenure at my institution.”

Reviewer (B): “Certainly the quantity of publications is impressive, but he is also publishing his work in the highest impact journals in our field....Michigan is fortunate to have him on the faculty.”

Reviewer (C): “Clearly within the designation of associate to full professor at our institution ....Worthy of tenure based on his accomplishments to date.”

Reviewer (D): “His research accomplishments and future promise warrant promotion to associate professor, with tenure.”

Reviewer (E): “Professor Villamor meets the requirements for promotion to associate professor with tenure.”

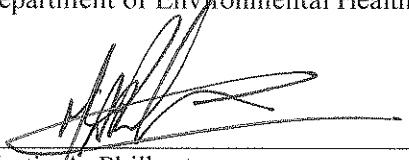
Reviewer (F): “I congratulate Professor Villamor on his work to date and support his application for tenure.”

Reviewer (G): “Dr. Villamor would, without question, be promoted and awarded tenure here at [my institution].”

Reviewer (H): “Professor Villamor is an outstanding asset to your institution and will contribute to the prestigious reputation of the University of Michigan School of Public Health. I was pleased and honored to have a chance to comment on his outstanding achievements.”

Reviewer (I): “Although I am aware of the very high standards expected at the University of Michigan, I have no doubt that [Professor Villamor’s work] exceeds the expectations at most if not all universities with a public health focus.”

Summary of Recommendation: Dr. Villamor is an outstanding researcher and a dedicated and creative teacher. His productivity has provided research and training opportunities that will be attractive to many current and future students. Therefore, I enthusiastically recommend that Professor Eduardo Villamor be granted tenure to be held with his title of associate professor of environmental health sciences, Department of Environmental Health Sciences, School of Public Health.



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Martin A. Philbert  
Dean, School of Public Health

May 2011