

PROMOTION RECOMMENDATION  
The University of Michigan-Dearborn  
College of Education, Health, and Human Services

Anda Botoseneanu, assistant professor of health policy studies, College of Education, Health, and Human Services, is recommended for promotion to associate professor of health policy studies, with tenure, College of Education, Health, and Human Services.

Academic Degrees:

Ph.D.	2011	University of Michigan, Ann Arbor, MI
M.B.A.	2002	University of Iowa, Iowa City, IA
M.D.	1996	Hebrew University Medical School, Jerusalem, Israel
B.Med.Sc.	1992	Hebrew University Medical School, Jerusalem, Israel

Professional Record:

2011 – present	Assistant Professor, College of Education, Health, and Human Services, University of Michigan-Dearborn.
2011 – 2013	Post-Doctoral Fellow, Yale University School of Medicine.
1996 – 1999	Obstetrics and Gynecology Residency, Hebrew University

Summary of Evaluation:

Teaching: Professor Botoseneanu's teaching is rated excellent. She is an innovative, dedicated, adaptive, and thoughtful teacher who has adapted a variety of inclusive pedagogical approaches designed to address different student learning styles, many embracing the strategy of "writing-across-the-curriculum," and has been rewarded for her efforts by receiving extraordinarily high course and instructor ratings – but not at the expense of rigor and high standards. In addition, she has developed many new courses for Health Policy Studies.

Research: Professor Botoseneanu's research is rated excellent. She has published 19 articles in top ranked, peer-reviewed journals. She is a productive and innovative scholar who uses cutting-edge statistical tools to provide an understanding of the determinants of older adult obesity as well as to establish the most effective interventions to address this public health crisis. Her work holds exceptional promise to garner NIH funding in the near future.

Recent and Significant Publications:

- Quinones A., Markward S., Botoseneanu A. (2015). Multimorbidity combinations and disability in older adults. *Journal of Gerontology: Medical Sciences*, 71(6), 823-30.
- Botoseneanu A., Allore H.G., Mendes de Leon C.F., Gabhauer E.A., Gill T.M. (2015). Gender differences in concomitant trajectories of self-reported disability and measured physical capacity in older adults. *Journal of Gerontology: Medical Sciences*, pii: glw038; PMID: 27071781 [Epub ahead of print].

- Vasquez E., Botoseneanu A., Bennett J.M., Shaw B.A. (2015). Racial/ethnic differences in trajectories of cognitive function in older adults: Role of education, smoking and physical activity. *Journal of Aging & Health*, doi:10.1177/0898264315620589.
- Botoseneanu A., Bennett J.M., Nyquist L., Shinkai S., et al. (2015). Cardiometabolic risk, socio-psychological factors, and trajectory of grip strength among older Japanese adults. *Journal of Aging & Health*, 27(7), 1123-1146.
- Botoseneanu A., Ambrosius W.T., Beavers D.P., de Rekeneire N., et al. (2015). Prevalence of metabolic syndrome and its association with physical capacity, disability and self-rated health among the Lifestyle Interventions and Independence for Elders (LIFE) Study participants. *Journal of American Geriatrics Society*, 63(2), 222-232.

Service: Professor Botoseneanu's service is rated as significantly capable. She is a member of the UM-Dearborn Faculty Senate as well as the Senate Council, and actively takes part in planning for future UM-D health programming. She regularly reviews grant applications in her specialty areas and manuscripts for eight highly ranked medical journals, including the *New England Journal of Medicine* and the *Journal of Aging and Health*, on whose editorial board she serves.

External Reviewers:

Reviewer A: "[T]he paper that stands out for its methodological and substantive contributions is ... 'Latent Heterogeneity in Long-Term Trajectories of Body-Mass Index in Older Adults,...' In this work, she utilizes semiparametric mixture models to examine BMI trajectories using multiple waves of the Health and Retirement Study. ... I believe that as work on obesity and aging becomes more plentiful and more attention is given to the complexity and heterogeneity inherent in this area, this study will become a common starting point and a citation classic."

Reviewer B: "Dr. Botoseneanu's work has...shed important insights into the dynamics of health behavior trajectories over time. While aging and epidemiology researchers often focus on examining the trajectory of a single outcome (e.g. obesity), [she] has pioneered in this field by examining the...relationships between multiple trajectories over time. Her 2012 paper ... 'The effect of stability and change' ... [showed that] while smoking and physical activity were associated with slower weight gain over time, smoking cessation results in increases in obesity."

Reviewer C: "Dr. Botoseneanu has used [the BMI] trajectory in a variety of analyses of body weight [with] trajectories in Japan [showing] that while BMI varies by educational level, the rate of change for BMI for an individual does not. Her other line of research addresses metabolic syndrome and its relationship to health and disability. The plans to integrate these two threads of research show a clear trajectory for future research, a key factor in the determination of tenure."

Reviewer D: "My overall impression is quite positive. I consider her a rising star in the field of aging and health and one who has a brilliant career ahead of her."

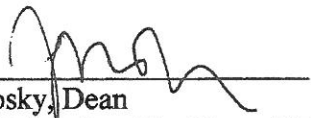
Reviewer E: "Since 2011 she has published approximately three peer-reviewed papers per year. I consider her work to be ... of top quality ... all published in well-respected peer-reviewed journals. Each is focused on a valuable research question, uses strong methodology, and employs state-of-the art statistical analysis approaches. ... I consider her track record to be ideal

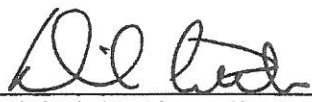
or nearly ideal in comparison to other top scientists in health and gerontology that I know or know of.”

Reviewer F: “Dr. Botoseneanu has published 16 peer-reviewed articles since 2011, with half being first or primary author. Given the quality of her research, I ... rate her as being very productive. ... She has a unique set of competencies in aging and public health, epidemiology, medicine and management that is incorporated into much of her research. Her findings have considerable potential for addressing health issues in vulnerable populations through policy, and clinical and public health practice.”

Reviewer G: “Dr. Botoseneanu is also working in a focused way toward NIH funding. [She] secured pilot funding in 2014 to examine the heterogeneity of BMI trajectories... Since this is an area of high importance to the US public health and NIH mission, there is a good chance that [she] can transform the pilot funding into a R-series grant ... [A] junior investigator [should] establish a rich and dynamic network of collaborators across the US and international institutions. Dr. Botoseneanu has excelled at this critical developmental task.”

Summary of Recommendation: Professor Botoseneanu is a productive, sophisticated researcher who is elucidating one of the most important public health problems of our era: obesity among older adults. She is a devoted and inspiring teacher, and she has contributed substantially to her scholarly profession as well as to the development of Health Policy Studies program at UM-Dearborn. We are pleased to recommend, with strong support of the College of Education, Health, and Human Services Executive Committee, Anda Botoseneanu for promotion to associate professor of health policy studies, with tenure, College of Education, Health, and Human Services.

  
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Janine Janosky, Dean  
College of Education, Health, and Human Services

  
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Daniel Little, Chancellor  
University of Michigan-Dearborn

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