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Associate Professor – Health Policy Studies  
University of Michigan – Dearborn  
Research Assistant Professor – Institute of Gerontology  
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## **CURRENT**

**Research focus:** (a) body-weight/composition phenotypes in middle- and old age: population heterogeneity, role in morbidity/mortality disparities, biological processes and biomarkers, options for health promotion; (b) multimorbidity phenotypes and progression and multimorbidity-related outcomes; (c) health and social policy options for reducing obesity and related morbidities.

**Methodological focus:** multilevel modeling for clustered and longitudinal data, group-based semiparametric mixture modeling for single and joint trajectories, treatment for mortality bias.

## **EDUCATION**

**Post-Doctoral Fellowship** Clinical Epidemiology and Aging-Related Research, 2011-2013  
Yale University - School of Medicine, New Haven, CT

**PhD** Health Services Organization and Policy, 2011  
University of Michigan - Health Management & Policy, Ann Arbor, MI

**MBA** University of Iowa, Henry B. Tippie School of Management, Iowa City, 2002

**MD** Hebrew University - Medical School, Jerusalem, Israel, 1996  
Post-Doctoral Training, Obstetrics-Gynecology Residency, 1996-1999  
BMedSc, Hebrew University - Medical School, Jerusalem, Israel, 1992

## **APPOINTMENTS, FELLOWSHIPS, AND AWARDS**

*Visiting Assistant Professor* – Dept. of Internal Medicine/Geriatrics, Yale University - School of Medicine, 2013-2014

*Health Sciences Research Award* - 2012 Gerontological Society of America

*AcademyHealth Article-of-the-Year Award:* "Achieving Public Health Legal Preparedness: How Dissonant Views on Public Health Law Threaten Emergency Preparedness and Response," (Journal of Public Health, 2011)

Selected for the National Institute on Aging (NIA) Summer Institute, 2011

*Outstanding Investigator Award* - 2<sup>nd</sup> Annual Inter-Disciplinary Health Research Symposium, University of Michigan, 2009

Interdisciplinary Fellowship in Public Health and Aging - National Institute on Aging, 2008-2010

Agency for Healthcare Research and Quality (AHRQ) Fellowship, 2005-2007

Dean's Scholarship for Excellence in Studies, Hebrew University, 1994 -1995

B.Med.Sc "Summa Cum Laudae", Hebrew University, 1992

## RESEARCH EXPERIENCE

### Publications (peer-reviewed only)

1. Quiñones AR, Nagel CL, **Botoseanu A**, Newsom JT, Dorr DA, Kaye J, Thielke SM, Allore HG. Socioeconomic Disparities in Multidimensional Trajectories of Multimorbidity, Functional Status, Cognitive Performance, and Depressive Symptoms among Older Adults. Accepted for publication, *J Multimorbidity Comorbidity*, November 2022.
2. Liu ZX, Whitehead B, **Botoseanu A**. Association of psychological distress and physical health with subjective and objective memory in older adults. Accepted for publication, *Journal of Aging & Health*, November 2022.
3. **Botoseanu A**, Elman M, Allore HG, Dorr DA, Newsom JT, Nagel CL, Quiñones A. Multimorbidity, Depression, and Trajectories of Functional Status among Older Americans. Accepted for publication, *Journal of American Medical Directors Association*, November 2022.
4. **Botoseanu A**, Markwardt S, Quiñones AR. Multimorbidity and functional disability among older adults: the role of inflammation and glycemic status. Accepted for publication, *Gerontology*, December 2022.
5. O'Neill AM, Newsom JT, Denning E, Elman M, **Botoseanu A**, Allore HG, Nagel CL, Dorr DA, Quiñones AR. Racial, ethnic, and socioeconomic disparities in trajectories of morbidity accumulation among older Americans (R&R, *Social Science & Medicine – Population Health*, Dec. 1, 2022, # SSMPH-D-22-00702)
6. Newsom JT, Denning EC, Elman MR, **Botoseanu A**, Allore HG, Nagel CL, Dorr DA, Quiñones AR. (2022). Physical Activity as a Mediator between Race/Ethnicity and Changes in Multimorbidity. *Journal of Gerontology: Social Sciences*, 77(8):1529-38.
7. Quiñones AR, Chen S, Nagel CL, **Botoseanu A**, Allore HG, Newsom JT, Thielke S, Kaye J. (2022) Trajectories of Cognitive Functioning in Later Life: Disparities by Race/Ethnicity, Educational Attainment, Sex, and Multimorbidity Combinations. *Social Science & Medicine -Population Health*, 18:101084.
8. **Botoseanu A**, Markwardt S, Nagel CL, Allore HG, Newsom JT, Dorr D, Quiñones A. (2022) Multimorbidity Accumulation among Middle-Aged Americans: Differences by Race/Ethnicity and Body-Mass Index. *Journal of Gerontology: Medical Sciences - Special Issue: Minority Health and Health Disparities in Aging*, 77(2), e89-e97.
9. **Botoseanu A**, Chen H, Ambrosius WT, Allore HG, Anton S, Folta SC, King AC, Nicklas BJ, Spring B, Strotmeyer E, Gill TM. (2021). Metabolic Syndrome and Benefit of a Physical Activity Intervention on Lower-Extremity Function: Results from a Randomized Clinical Trial. *Experimental Gerontology*, 150:111343.
10. Zhang W, Vasquez E, **Botoseanu A**. (2021) Metabolic Risk and Depression among Elderly Mexican Americans: The Roles of Nativity Status. *Ethnicity & Disease*, 31(2):243.
11. Murayama H, Liang J, Shaw BA, **Botoseanu A**, Kobayashi E, Fukaya T, Shinkai S. (2021). Short-, medium-, and long-term weight changes and all-cause mortality in old age: Findings from the National Survey of the Japanese Elderly. *Journal of Gerontology: Medical Sciences*, 76 (11), 2039-2046; <https://doi.org/10.1093/gerona/glab052>.

12. Quiñones AR, Newsom JT, Elman MR, Markwardt S, Nagel CL, Dorr DA, Allore HG, **Botoseneanu A (PI)**. (2021) Racial and Ethnic Differences in Multimorbidity Changes over Time. *Medical Care*, 59 (5), 402-409.
13. Vasquez E, Zhang W, Dreby J, Lee S, **Botoseneanu A (PI)**. (2021) Nativity, Family Support and Disability Trajectories: Results from the Hispanic Established Populations Epidemiologic Study of the Elderly. *Ethnicity & Disease*, 31 (2), 253.
14. Quiñones AR, Kaye J, Allore HG, **Botoseneanu A**, Thielke SM. (2020) An Agenda for Addressing Multimorbidity and Racial and Ethnic Disparities in Alzheimer's Disease and Related Dementia. *American Journal of Alzheimers Disease & Other Dementias*, 35:1533317520960874.
15. Quiñones A, Kaye J, Allore HG, Thielke S, **Botoseneanu A (PI)**. (2020) Sociocultural Aspects and Determinants of Care for Alzheimer's Disease and Related Dementias (ADRD) among Minority Ethnic Populations. National Academy of Sciences, Engineering and Medicine - Decadal Survey on Alzheimer's Disease and Alzheimer's Disease- Related Dementias. Available at: [https://sites.nationalacademies.org/cs/groups/dbassesite/documents/webpage/dbasse\\_198210.pdf](https://sites.nationalacademies.org/cs/groups/dbassesite/documents/webpage/dbasse_198210.pdf)
16. Quinones A, Allore HG, **Botoseneanu A**, Newsom JT, Nagel CL, Dorr D. (2020). Tracking Multimorbidity Changes in Racial/Ethnic Diverse Populations over Time: Issues and Considerations. *Journal of Gerontology: Medical Sciences*, 75 (2), 297-300.
17. Murayama H, Liang J, Shaw BA, **Botoseneanu A**, Kobayashi E, Fukaya T, Shinkai S. (2020) Socioeconomic differences in trajectories of functional capacity among older Japanese: A 25-year longitudinal study. *Journal of American Medical Directors Association*, 21, 734-739.
18. Murayama H, Liang J, Shaw BA, **Botoseneanu A**, Kobayashi E, Fukaya T, Shinkai S. (2018). Age and gender differences in the association between body mass index and all-cause mortality among older Japanese. *Ethnicity & Health*, 4:1-14, PMID: 29726279.
19. Quiñones A, Kaye J, Allore HG, **Botoseneanu A**, Thielke S. (2019). America's Approach to Dementia Must Remain Attentive to Multimorbidity and Racial/Ethnic Disparities. White Paper for Decadal Survey on Alzheimer's Disease and Alzheimer's Disease- Related Dementias, National Academies of Sciences, Engineering and Medicine; available: <https://www.nap.edu/read/26175/chapter/1#xii>
20. Quinones A, **Botoseneanu A**, Markwardt S, Nagel CL, Newsom JT, Dorr DA, Allore HG. (2019). Racial/Ethnic Differences in Multimorbidity Development and Chronic Disease Accumulation for Middle-Aged Adults. *PLoS – ONE*, 14(6), PMID: 31206556.
21. Quinones A, Markwardt S, **Botoseneanu A (PI)**. (2019). Diabetes-Multimorbidity Combinations and Disability among Middle-Aged and Older Adults. *Journal of General Internal Medicine*, 34(6):944-951, PMID: 30815788.
22. Quiñones AR, Markwardt S, Thielke S, Rostant O, Vásquez E, **Botoseneanu A (PI)**. (2017). Prospective Disability in Different Combinations of Somatic and Mental Multimorbidity. *Journal of Gerontology: Medical Sciences*, 73(2):204-210.
23. **Botoseneanu A**, Chen H, Ambrosius WT, Allore HG, Anton S, Folta SC, King AC, Nicklas BJ, Spring B, Strotmeyer E, Gill TM. (2017). Effect of Metabolic Syndrome on the Mobility Benefit of a Structured Physical Activity Intervention – The LIFE Study Randomized Clinical Trial. *Journal of American Geriatrics Society*. doi: 10.1111/jgs.14793.
24. Kritchevsky SB, Blair SN, **Botoseneanu A**, Guralnik JM, Handing E, Liu C, Lovato L, King A, Marsh AP, Pahor M, Rejeski WJ, Spring B, Manini T. (2017). Exercise's Effect on Mobility Disability in Obese, Abdominally Obese and Non Obese Older Adults: the LIFE Study. *Obesity*, 25 (7):1199-1205.

25. Murayama H, Liang J, Shaw BA, **Botoseneanu A**, Kobayashi E, Fukaya T, Shinkai S. (2017). Changes in Health Behaviors and the Trajectory of Body Mass Index among Older Japanese: A 19-year Longitudinal Study. *Geriatrics & Gerontology International*; 17 (11), 2008-2016. doi: 10.1111/ggi.13008.
26. Aubertin-Leheudre M, Anton S, Beavers DP, Manini TM, Fielding R, Newman A, Church T, Kritchevsky SB, Conroy D, McDermott MM, **Botoseneanu A**, Hauser ME, Pahor M. (2017). Dynapenia and Metabolic Health in Obese and Nonobese Adults Aged 70 Years and Older: The LIFE Study. *Journal of American Medical Directors Association*, 18(4):312-319.
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27. Quinones A, Markward S, **Botoseneanu A. (PI)** (2016). Multimorbidity Combinations and Disability in Older Adults. *Journal of Gerontology: Medical Sciences*, 71(6):823-30.
28. **Botoseneanu A**, Allore HG, Mendes de Leon CF, Gabhauer EA, Gill TM. (2016). Gender Differences in Concomitant Trajectories of Self-Reported Disability and Measured Physical Capacity in Older Adults. *Journal of Gerontology: Medical Sciences*, 71(8):1056-62.
29. Vasquez E, **Botoseneanu A**, Bennett JM, Shaw BA. (2016). Racial/ethnic differences in trajectories of cognitive function in older adults: Role of education, smoking and physical activity. *Journal of Aging & Health*, 28(8), 1382-1402.
30. Kritchevsky S, Manini T, Blair S, Newman A, **Botoseneanu A**, Lovato L, Guralnik J., Pahor M. (2015) The Effect of Physical Activity on Mobility Disability in Obese, Abdominally Obese and Non-Obese Older Adults: The Lifestyle Interventions and Independence for Elders (LIFE) Study ([abstract](#)). *Journal of American Geriatric Society*, 63, S1-S1.
31. **Botoseneanu A**, Bennett JM, Nyquist L, Shinkai S, Fujiwara Y, Yoshida H, Cigolle C, Aiello A, Liang J. (2015). Cardiometabolic risk, socio-psychological factors, and trajectory of grip strength among older Japanese adults. *Journal of Aging & Health*, 27(7), 1123-1146.
32. **Botoseneanu A**, Ambrosius WT, Beavers DP, de Rekeneire N, Anton S, Church T, Folta SC, Goodpaster BH, King AC, Nicklas BJ, Spring B, Wang X, Gill TM. (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.
33. Mankowski RT, Aubertin-Leheudre M, Beavers DP, **Botoseneanu A**, Buford TW, Church T, Glynn NW, King AC, Liu C, Manini TM, Marsh AP, McDermott M, Nocera JR, Pahor M, Strotmeyer E, Anton SD. (2015). Sedentary time is associated with the metabolic syndrome in older adults at high risk for mobility disability – the LIFE Study. *Experimental Gerontology*, 70, 32-36.
34. Murayama H, Liang J, Shaw BA, Bennett JM, **Botoseneanu A**, Kobayashi E, Fukaya T, Shinkai S. (2015). Trajectories of Body Mass Index and Their Associations with Mortality among Older Japanese: Do They Differ from Western Populations? *American Journal of Epidemiology*, 182(7): 597-605.
35. Murayama H, Liang J, Shaw BA, Bennett JM, **Botoseneanu A**, Kobayashi E, Fukaya T, Shinkai S. (2016). Socioeconomic status and the trajectory of body mass index among older Japanese: a nationwide cohort study (1987–2006). *Journal of Gerontology: Social Sciences*, 71 (2): 378-388.
36. Xu X, Liang J, Bennett JM, **Botoseneanu A**, Allore HG. (2014). Socioeconomic Stratification and Multidimensional Health Trajectories: Evidence of Convergence in Later Old Age. *Journal of Gerontology: Social Sciences*, 70 (4), 661-671.
37. Bann D, Hire D, Manini T, Cooper R, **Botoseneanu A**, McDermott MM, Pahor M, Glynn NW, Fielding R, King AC, Church T, Ambrosius WT, Gill TM. (2014). Light intensity physical activity and sedentary behavior

in relation to body mass index and grip strength in older persons: cross-sectional findings from the Lifestyle Interventions and Independence for Elders (LIFE) study. *PloS One*, 10(2), e0116058.

38. **Botoseneanu A**, Liang J. (2013). Latent heterogeneity in long-term trajectories of body-mass index in older adults. *Journal of Aging & Health*, 25(2), 342-363.
39. **Botoseneanu A**, Allore HG, Gabhauer EA, Gill TM. (2013). Long-term trajectories of lower extremity function in older adults: Estimating gender differences while accounting for potential mortality bias. *Journal of Gerontology: Medical Sciences*, 68(7), 861-868.
40. **Botoseneanu A**, Liang J. (2012). The effect of stability and change in health behaviors on trajectories of body mass index in older Americans: A 14-year longitudinal study. *Journal of Gerontology: Medical Sciences*, 67(10):1075-84.
41. **Botoseneanu A**, Liang J. (2011). Social stratification of body weight trajectory in middle-age and older Americans: Results from a 14-year longitudinal study. *Journal of Aging & Health*, 23(3), 454-480.
42. **Botoseneanu A**, Wu H, Wasserman J, Jacobson PD. (2011). Achieving public health legal preparedness: How dissonant views on public health law threaten emergency preparedness and response. *Journal of Public Health*, 33(3), 361-368.
43. Jacobson PD, Wasserman J, **Botoseneanu A**, Silverstein A, Wu HW. (2012). The role of law in public health preparedness: Opportunities and challenges. *Journal of Health Politics, Policy and Law*, 37(2), 297-328.
44. **Botoseneanu A**, Alexander JA, Banaszak-Holl J. (2011). To test or not to test? The role of attitudes, knowledge, and religious involvement among U.S. adults on intent-to-obtain adult genetic testing. *Health Education & Behavior*, 38(6), 617-628.
45. Shimonovitz S, **Botoseneanu A**, Hochner-Celnikier D. (2002) Successful first vaginal birth after cesarean section: a predictor of reduced risk for uterine rupture in subsequent deliveries. *J Isr Med Assoc*, 2(7), 526-528.

#### Professional Presentations (recent)

Quinones AR, **Botoseneanu A**, Calderón-Larrañaga A, Triolo F, Denning E, Allore HG. Multimorbidity across Swedish and US aging cohorts: understanding how it develops, whom it most affects, and when it cascades (Symposium#1124). Submission for 2022 World Congress of Gerontology and Geriatrics, IAGG Buenos Aires, June 2022

**Botoseneanu A**, Markwardt S, Allore HG, Nagel C, Newsom JT, Dorr DA, Quiñones A. Multimorbidity Accumulation by Race or Ethnicity and Body-Weight Status Among Middle-Aged and Older Americans. 2020 Annual Meeting Gerontological Society of America, Philadelphia, PA

**Botoseneanu A**, Markwardt S, Quinones A. Metabolic and Inflammatory Biomarkers, Multimorbidity Combinations and Disability Burden Among Older Americans. 2020 Annual Meeting Gerontological Society of America, Philadelphia, PA

Newsom JT, Denning E, Elman M, Allore HG, Nagel C, Dorr DA, **Botoseneanu A**, Quinones A. Physical Activity as a Mediator in the Relationship Between Race or Ethnicity and Changes in Multimorbidity. 2020 Annual Meeting Gerontological Society of America, Philadelphia, PA

**Botoseneanu A**, Markwardt S, Allore HG, Nagel C, Newsom JT, Dorr DA, Quiñones A. Racial/Ethnic Differences in Multimorbidity Progression According to Body-Weight Status Among Older U.S. Adults. 2019 Annual Meeting Gerontological Society of America, Austin, TX

Vásquez E, Zhan W, **Botoseneanu A** (PI). Nativity and Disability Trajectories among Two Cohorts: Results from the Hispanic Established Populations for the Epidemiologic Study of the Elderly (HEPESE). 2019 Annual Meeting Gerontological Society of America, Austin, TX.

Quiñones A, Markwardt S, **Botoseneanu A**, Nagel C, Newsom JT, Dorr DA, Allore HG. Racial and Ethnic Differences in Multimorbidity Development and Progression over Time. Selected (#B140) for the Presidential Poster Session at the 2019 Annual Scientific Meeting of the American Geriatrics Society, Portland, OR

Quinones A, Markwardt S, **Botoseneanu A**. Associations of Multimorbidity Combinations Including Diabetes with Disability among Middle-Aged & Older Adults. 2018 Annual Meeting Gerontological Society of America, Boston, MA

Newsom J, Quinones A, **Botoseneanu A**, Allore HG, Nagel C, Dorr D. Latent Class Analysis of Multimorbidity Comparing Race/Ethnicity Groups. 2018 Annual Meeting Gerontological Society of America, Boston, MA

**Botoseneanu A**, Shaw BA, Murayama H, Liang J. Trajectories of Grip Strength, Cardiometabolic Risk Factors, and Disability on Older Adults. 21<sup>st</sup> IAGG World Congress of Gerontology & Geriatrics, 2017, San Francisco, CA

Quinones A, **Botoseneanu A**, Markwardt S, Allore HG. Racial-Ethnic Differences in Multimorbidity Combinations over Time. 21<sup>st</sup> IAGG World Congress of Gerontology & Geriatrics, 2017, San Francisco, CA

Murayama H, Liang J, Shaw BA, **Botoseneanu A**, Kobayashi E, Fukaya T, Shinkai S. Trajectories of Body Mass Index and Their Associations with Mortality among Older Japanese. 21<sup>st</sup> IAGG World Congress of Gerontology & Geriatrics, 2017, San Francisco, CA

Quinones A, Markwardt S, Rostant OS, Vasquez E, Thielke S, **Botoseneanu A**. Multimorbidity Combination Associations with Prospective Disability in the NHATS. 2016 Annual Meeting Gerontological Society of America, New Orleans, LA

Murayama H, Liang J, Shaw BA, **Botoseneanu A**, Kobayashi E, Akiyama H, Shinkai S. Age and Socioeconomic Variations in the Pattern of Long-Term Functional Decline Among Older Japanese. 2016 Annual Meeting Gerontological Society of America, New Orleans, LA

Ndao-Brumblay SK, Liang J, **Botoseneanu A**, Clarke P. Aging with Diabetes: An Event-Based Approach to the Study of Diabetes and Depressive Symptoms. 2016 Annual Meeting Gerontological Society of America, New Orleans, LA

**Botoseneanu A**, Ambrosius WT, Beavers DP, Anton S, Church T, Folta SC, King AC, Nicklas BJ, Spring B, Gill TM. Effect of Metabolic Syndrome on Benefits of Structured Physical Activity among LIFE Study Participants. 2015 Annual Meeting of Pepper Center – Older Americans Independence Center, Bethesda, MD

**Botoseneanu A**, Allore HG, Mendes de Leon C, Gahbauer EA, Gill TM. Concordance in trajectories of self-reported and objectively-measured functional status in older adults: assessing gender differences and the role of survival bias. 2013 Annual Meeting Gerontological Society of America, New Orleans, LA

**Botoseneanu A**, Ambrosius WT, deRekeneire N, Goodpaster BH, Nicklas BJ, Church T, Gill TM. Prevalence of metabolic syndrome and its association with physical performance, disability and subjective well-being among the LIFE Study participants. 2012 Annual Meeting Gerontological Society of America, San Diego, CA

**Botoseneanu A**, Allore HG, Gahbauer EA, Gill TM. Estimating gender differences in long-term trajectories of lower extremity function in older adults: accounting for mortality bias. 2012 Annual Meeting Gerontological Society of America, San Diego, CA

**Botoseneanu A**, Liang J. Heterogeneity in trajectories of BMI: Gender and socioeconomic predictors of high-risk trajectory membership. 2011 Annual Meeting Gerontological Society of America, Boston, MA

**Botoseneanu A**, Liang J. Health behaviors and trajectories of BMI in older adults: A14-year longitudinal study. 2010 Gerontological Society of America, New Orleans, LA

**Botoseneanu A**, Liang J. Social stratification of BMI trajectories in middle- and older aged Americans. 2009 Annual Meeting Gerontological Society of America, Atlanta, GA

**Botoseneanu A**, Alexander JA, Banazak-Holl J. Role of religious involvement, knowledge and attitudes towards predictive adult genetic testing in forming intent-to-test. 2009 Annual Meeting of AcademyHealth, Chicago, IL

**Botoseneanu A**, Jacobson PD, Wasserman J. Public health vs. emergency management: Dissonant views regarding public health preparedness. 2009 Public Health Systems Research Interest Group, AcademyHealth, Chicago, IL

**Botoseneanu A**, Alexander JA, Banazak-Holl J. To Test or Not to Test? The role of attitudes and religious involvement in forming intent to obtain cancer genetic screening: A structural equation modeling approach. 2009 European Human Genetics Conference, Vienna, Austria

## GRANTS AND OTHER FINANCIAL RESEARCH SUPPORT

### D. Research Grants

#### Under review

##### **R01** (NIH-Aging Systems and Geriatrics Section)

Title: Clarifying Multimorbidity Measurement and Relationships with Geriatric Syndromes among Vulnerable Older Adults (CLIMBED)

Role: Investigator (UM PI; \$428,000 requested UM-D share for 2022-2027)

The purpose of the grant is to evaluate definitional protocols for measuring multimorbidity anchored to key health outcomes and how multimorbidity definitions differ for medically-underserved populations who experience greater multimorbidity burden and substantial health inequities.

Status: submitted in June 2021; revise and resubmit in March 2022.

#### Ongoing (funded) Research Support

##### **M-cubed Research Award** (University of Michigan)

\$15,000

Title: Memory precision in normal and pathological aging

Role: Co-PI, with Dr. Zhong Xu Liu and Dr. Brenda Whitehead

The purpose of the grant is to test normal and pathological memory-related tasks in young vs. older persons and to identify behavioral and health correlates of pathological memory processes.

Status: funded 2019-2021; IRB application approved; work in progress.

##### **R01 AG058545-01 MEMORABLE** (NIH-Aging Systems and Geriatrics Section)

\$3,490,000

Title: Multimorbidity Combinations and Dementia Onset among Race/Ethnic Older Adults (MEMORABLE)

Role: Investigator (UM PI; \$470,431 UM Dearborn share for 2019-2024)

The purpose of this grant is to investigate the relationship between multimorbidity combinations, incidence and progression of dementia, and healthcare utilization patterns among older adults.

Status: Funded for 5 years (September 2019 – August 2024); work in progress.

##### **R01 AG055681-01 CHIMED** (NIH-Aging Systems and Geriatrics Section)

\$2,339,252

Title: Changes in Multimorbidity and Disability among Race/Ethnic Older Adults (CHIMED)

Role: Investigator (UM PI; \$285,015 UM Dearborn share for 2017-2022)

The purpose of the grant is to investigate the longitudinal development and progression of multimorbidity, the onset of and changes in disability for older adults with multimorbidity, and changes in health care and mortality for older adults with varying multimorbidity and disability profiles.

Status: Funded for 5 years (June 2017 – May 2022); work in progress.

#### Completed Research Support

##### **R03 AG053389-01** (NIH/NIA-Social Sciences and Population Studies Section)

\$152,200

Title: Disability, Nativity and Social Networks among Two Cohorts

Role: Investigator

The purpose of the grant is to characterize patterns of disability by nativity status and social networks over time among foreign-born and native-born Mexican Americans.

Status: Funded for 2 years (June 2018 – February 2020); completed.

**AG-024824** (Claude D. Pepper Older Americans Independence Center) and **UL1TR000433** (Michigan Institute for Clinical and Health Research) \$41,000  
12/2014-12/2017

The purpose of the grant is to provide pilot funding for research designed to identify body-composition phenotypes and to serve as the basis for the development of an NIH/NIA R01/K08 grant proposal. The NIH grant proposal will evaluate differences in self-reported and objectively-measured functional status and disability between the body-composition phenotypes and will investigate inflammation as a possible mechanism linking body-composition to these outcomes.

T32-AG19134 (NIA/NIH)  
08/2011-07/2013

Geriatric Clinical Epidemiology and Aging-Related Research

The purpose of the grant was to provide outstanding training in geriatric clinical epidemiology and/or translational aging research under the mentorship of experienced investigators in geriatric medicine and gerontology. Projects focused on longitudinal analyses of trajectories of physical performance/disability and their linkages with metabolic functioning and body-weight/composition profiles.

T32-AG027708 (NIA/NIH)  
07/2008-06/2010

Pre-Doctoral Research Grant

The work supported through this grant – “Obesity and Successful Aging: Trajectories of Body Weight from Middle to Older Ages” – aimed to analyze the average development of body-weight from middle to old age, describe the social-stratification patterns of BMI trajectories and identify latent heterogeneity in body-weight trajectories among middle-age and older adults.

T32-HS000053 (AHRQ)  
09/2005-08/2007

Pre-Doctoral Research Grant

The aim of this grant was to provide support for theoretical and methodological training in aging-related health services research.

## **TEACHING EXPERIENCE**

HPS 301: Introduction to Health Policy, Fall 2016, Fall 2017, University of Michigan

HPS 364: Health Policy & Administration, Fall 2013/Fall 2014/Fall 2015/Fall 2018, University of Michigan

HPS 440/540: Medical Sociology, Fall 2013/Winter 2014/Winter 2015/Winter 2016/Fall 2016, University of Michigan

HPS 412/512: Principles of Epidemiology, Winter 2014/Winter 2015/Fall 2015/Winter 2016/Winter 2017/Winter 2018/Winter 2019, University of Michigan

HPS 390(S)/435/535: Obesity and Lifecourse, Winter 2014/Winter 2015/Winter 2016/Winter 2017/Winter 2018/Winter 2019, University of Michigan

HHS 400: Health Policy & Politics, Fall 2019, University of Michigan

HHS 405: Population Health, Fall 2017/Fall 2018/Fall 2019, University of Michigan

HMP 803: Doctoral Seminar in Health Services and Systems Research, Fall 2011, University of Michigan

HMP 601: Introduction to Health Systems II: Financing and Expenditures in the U.S. Health Services System, Winter 2008, University of Michigan

HMP 600: Introduction to Health Systems I: Survey of the U.S. Health Care System, Fall 2007, University of Michigan

Clinical Instructor, Department of Obstetrics & Gynecology - Hebrew University Medical School, 1996 - 1999

## **ACADEMIC SERVICE**

CEHHS Executive Committee (Fall 2017-ongoing)

Search Advisory Committees for HHS Chair (Fall 2016-Winter 2017), UM-Dearborn Chancellor (Fall 2017 - Winter 2018), and HHS Faculty (Fall 2018-Winter 2019)

Faculty Senate and Council – University of Michigan-Dearborn, elected June 2015, 3-year term

Invited Reviewer for *New England Journal of Medicine* (2014, 2015, 2016, 2017), *Journal of American Geriatrics Society* (2013-2016), *Journal of Gerontology: Medical Sciences* (2014-2020), *European Journal of Internal Medicine* (2015), *Annals of Epidemiology* (2012-2013), *PLOS One* (2017-2020), *Journal of Gerontology: Social Sciences* (2011-2015), *Journal of Aging & Health* (2011-2020), *Oxford University Press - Journal of Public Health* (2010-2019), *Health Behavior & Education* (2011-2012), *American Journal of Public Health* (2011-2013).

Co-coordinator, Workshop for Integrating and Discussing Topics in Health, 2007-2008

Co-coordinator, 1<sup>st</sup> Interdisciplinary Health Research Symposium, University of Michigan, 2008

## **PROFESSIONAL EXPERIENCE**

*Research Associate* - University of Michigan, Dept. of Health Management and Policy, 2009 - 2011

*Consultant* – Research and Clinical Content Development, CERNER Corporation, 2002 - 2005

*Resident Physician*, Hadassah Medical Center, Hebrew University, 1995 - 1999

## **PROFESSIONAL MEMBERSHIPS and LICENSES**

USMLE I, II, III (U.S. Medical Licensure Examinations)

AcademyHealth, Gerontological Society of America, American Public Health Association

Israeli Medical Association Membership, Israeli Medical Practice License