

CURRICULUM VITAE

BIOGRAPHICAL

Name: **Yvonne L. Michael**

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EDUCATION and TRAINING

UNDERGRADUATE:

1988-1992	College of William and Mary, Williamsburg, Virginia	BA 1992, Government
1994-1996	Harvard School of Public Health, Cambridge, Massachusetts	MS 1995, Health and Social Behavior
1996-1999	Harvard School of Public Health, Cambridge, Massachusetts	ScD 1999, Epidemiology, Health and Social Behavior

APPOINTMENTS and POSITIONS

ACADEMIC:

1999-2000	Johns Hopkins School of Hygiene and Public Health, Baltimore, MD	Postdoctoral Fellow, Department of Epidemiology
2000-2002	College of Urban and Public Affairs, Portland State University, Portland, OR	Assistant Professor, School of Community Health
2002-2009	School of Medicine, Oregon Health and Science University, Portland OR	Assistant Professor, Department of Public Health and Preventive Medicine
2007-2014	Kaiser Permanente Center for Health Research, Portland, OR	Affiliate Investigator
2009-Present	Drexel University, Dornsife School of Public Health, Philadelphia PA	Associate Professor (with Tenure 2012), Department of Epidemiology and Biostatistics
2015-2018		Associate Dean for Academic and Faculty Affairs
2018-Present		Director of Graduate Programs in Epidemiology

HONORS

<i>National Merit Semi-Finalist</i>	1988
<i>Departmental Honors Scholarship, Harvard School of Public Health</i>	1996-99
<i>NIH Health Disparities Loan Repayment Program</i>	2004-07
<i>Chair's Award for Excellence in Research</i>	2006
<i>Teaching Excellence Award</i>	2012
<i>Executive Leadership in Academic Medicine Fellow</i>	2016
<i>Mentor Excellence Award</i>	2019
<i>Delta Omega Public Health Honors Society</i>	2020

PUBLICATIONS

1. Refereed Articles:

1. **Michael YL**, Colditz GA, Coakley E, Kawachi I. Health behaviors, social networks, and healthy aging: cross-sectional evidence from the Nurses' Health Study. *Quality of Life Research*. 1999;8(8):711-722.
2. **Michael YL**, Kawachi I, Stampfer MJ, Colditz GA, Curhan GC. Quality of life among women with interstitial cystitis. *Journal of Urology*. 2000;164(2):423-427.
3. **Michael YL**, Kawachi I., Berkman LF, Holmes M, Colditz GA. The persistent impact of breast cancer on functional health status: prospective evidence from the Nurses' Health Study. *Cancer*. 2000; 98(11):2176-2186.
4. **Michael YL**, Berkman LF, Colditz GA, Kawachi I. Living arrangements, social integration, and change in functional health status: prospective evidence from the Nurses' Health Study. *American Journal of Epidemiology*. 2001;153(2):123-131.
5. **Michael YL**, Colditz GA, Berkman LF, Holmes M, Kawachi I. Social networks and health-related quality of life in breast cancer survivors: a prospective study. *Journal of Psychosomatic Medicine*. 2002;52(5):285-293.
6. Cunningham GO, **Michael YL**†. Concepts Guiding the Study of the Impact of the Built Environment on Physical Activity for Older Adults: A Review of the Literature. *American Journal of Health Promotion*. 2004;18(6):435-443.
7. Fisher JK, Fuzhong L, **Michael YL**, Cleveland M. The Influence of Social Cohesion on Neighborhood Walking: An Exploratory Study Using a Multilevel Analysis. *Journal of Aging and Physical Activity*. 2004;11:49-67.
8. Cunningham GO, **Michael YL**, Farquhar SA, Lapidus J. Developing a reliable senior walking environmental assessment tool. *American Journal of Preventive Medicine*. 2005;29(3):215-217.
9. Farquhar SA, **Michael YL**, Wiggins N. Building on leadership and social capital to create change in two urban communities. *American Journal of Public Health*. 2005;95(4):596-601.
10. **Michael YL**, Perrin N, Bowen D, Cochrane DB, Wisdom JP, Brzyski R., Ritenbaugh C. Expression and ambivalence over expression of negative emotion: Psychometric analysis in the Women's Health Initiative. *Journal of Women and Aging*. 2005;17(1-2):5-18.
11. Farquhar SA, **Michael YL**. Combining the Strengths of Popular Education and Community Health Workers. *Journal of Interprofessional Care*. 2005; 18(4):447-449.
12. Gold R, **Michael YL**, Whitlock EP, Hubbell FA, Mason ED, Rodriguez BL, Safford MM, Sarto GE. Race, socioeconomic status and lifetime morbidity burden in the Women's Health Initiative. *Journal of Women's Health*. 2006;15(10):1161-1173.

13. **Michael YL**, Beard TE, Choi D, Farquhar SA, Carlson NE. Measuring the influence of built neighborhood environments on walking in older adults. *Journal of Aging and Physical Activity*. 2006;14(3):302-312.
14. **Michael YL**, Green MK, Farquhar SA. Neighborhood design and active aging. *Health and Place*. 2006;12(4):734-740.
15. **Michael YL**, Wisdom JP, Perrin N, Bowen D, Cochrane BB, Brzyski R, Ritenbaugh C. Expression and ambivalence over expression of negative emotion: Cross-sectional associations with psychosocial factors and health related quality of life. *Journal of Women and Aging*. 2006;18(2):25-40.
16. Farquhar SA, **Michael YL**. Practice Notes: Strategies in Health Education. *Health Education and Behavior*. 2006;33(1):5-9
17. Cawthon PM, Marshall LM, **Michael YL**, Dam TT, Ensrud KE, Barrett-Connor E, Orwoll ES, Osteoporotic Fractures in Men Research Group. Frailty in older men: prevalence, progression, and relationship with mortality. *Journal of the American Geriatrics Society*. 2007;55(8):1216-1223.
18. Sumic A, **Michael YL**, Carlson NE, Howieson DB, Kaye JA. Physical Activity and the Risk of Dementia in Oldest Old. *Journal of Aging and Health*. 2007;19(2):242-259.
19. Wisdom JP, **Michael YL**, Ramsey K, Berlin M. Women's health policies associated with obesity, diabetes, high blood pressure, and smoking: a follow-up on the women's health report card. *Women and Health*. 2008; 48(1):103-22.
20. Farquhar SA, Wiggins N, **Michael YL**, Luhr G, Jordan J, Lopez A. "Sitting in different chairs:" Roles of the Community Health Workers in the Poder es Salud/Power for Health Project. *Education for Health*. 2008;21(2):39-50.
21. Nagel C, Carlson NE, Bosworth M, **Michael YL**†. The relationship between neighborhood built environment and walking among older adults. *American Journal of Epidemiology*. 2008;168(4):461-468.
22. **Michael YL**, McGregor EM, Allen J, Fickas S. Observing Outdoor Activity Using Global Positioning System-Enabled Cell Phones. *Lecture Notes in Computer Science. Observing Outdoor Activity Using Global Positioning System-Enabled Cell Phones*. 2008; 5120:177-184.
23. Mace J, **Michael YL**, Carlson NE, Litvack JR, Smith TL. Effects of Depression on Quality of life Improvement after Endoscopic Sinus Surgery. *The Laryngoscope*. 2008;118(3):528-534.
24. Gregg J, Solataroff R, Amann T, **Michael YL**, Bowen J. Health and disease in context: a community-based social medicine curriculum. *Academic Medicine*. 2008;83(1):14-19.
25. **Michael YL**, Farquhar SA, Wiggins N, Green M. Findings from a Community-based Participatory Prevention Research Intervention Designed to Increase Social Capital and Build Capacity in African American and Latino Communities. *Journal of Immigrant and Minority Health*. 2008;10(3):281-289.
26. Yen I, **Michael YL**, Perdue L. Neighborhood Environment in Studies of Health of Older Adults: A Systematic Review. *American Journal of Preventive Medicine*. 2009;37(5):455-463. PMID: 19840702.
27. **Michael YL**, Carlson NE. Analysis of Individual social-ecological mediators and moderators and their ability to explain effect of a randomized neighborhood walking intervention. *The international journal of behavioral nutrition and physical activity*. 2009;30(6):49-62.
28. Kaye J, **Michael YL**, Calvert J, Leahy M, Crawford D, Kramer P. Exceptional Brain Aging in a Rural Population-Based Cohort. *Journal of Rural Health*. 2009; 25(3):320-325.
29. **Michael YL**, Keast EM, Chaudhury H, Day K, Mahmood A, Sarte AF. Revising the Senior Walking Environmental Assessment Tool. *Preventive Medicine*. 2009;48(3):247-249.

30. Wiggins N, Johnson D, Avila M, Farquhar SA, **Michael YL**, Rios T, Lopez A. Using Popular Education for Community Empowerment: Perspectives of Community Health Workers in the *Poder es Salud/Power for Health* Program. *Critical Public Health*. 2009;19(1):11-22.
31. **Michael YL**, Carlson NE, Chlebowski RT, Aickin M, Weihs KL, Ockene JK, Bowen DJ, Ritenbaugh C. Influence of psychosocial stressors on incidence of breast cancer in the Women's Health Initiative. *Health Psychology*. 2009;28(2):137-146.
32. Findholt NE, **Michael YL**, Davis MM, Brogoitti VW. Environmental Influences on Children's Physical Activity and Diets in Rural Oregon: Results of a Youth Photovoice Project. *Online Journal of Rural Nursing and Health Care*. 2010;10(2).
33. Leipzig RM, Whitlock E, Wolff TA, Barton MB, **Michael YL**, Harris R, Petitti D, Wilt T, Siu A, US Preventive Services Task Force Geriatric Workgroup. Reconsidering the Approach to Prevention Recommendations for Older Adults. *Annals of Internal Medicine*. 2010;153(12):809-814.
34. **Michael YL**, Whitlock EP, Lin JS, Fu R, O'Connor EA, Gold R, US Preventive Services Task Force. Primary Care Relevant Interventions to Prevent Falling in Older Adults: A Systematic Evidence Review for the U.S. Preventive Services Task Force. *Annals of Internal Medicine*. 2010;153(12):815-825.
35. **Michael YL**, Gold R, Manson JE, Keast EM, Cochrane BB, Woods NF, Brzyski RG, McNeeley SG, Wallace RB. Hormone therapy and physical function change among older women in the Women's Health Initiative: a randomized controlled trial. *Menopause*. 2010;17(2):295-302.
36. **Michael YL**, Perdue LA, Orwoll ES, Stefanick ML, Marshall LM, Osteoporotic Fractures in Men (MrOS) Study Group. Physical activity resources and changes in walking in a cohort of older men. *American Journal of Public Health*. 2010;100(4):654-660.
37. Keast EM, Carlson NE, Chapman NJ, **Michael YL**+. Using built environmental observation tools: Comparing two methods of creating a measure of the built environment. *American Journal of Health Promotion*. 2010;24(5):354-361.
38. Mace JC, **Michael YL**, Carlson NE, Litvack JR, Smith TL. Correlations between endoscopic score and quality of life changes after sinus surgery. *Archives of Otolaryngology—Head & Neck Surgery*. 2010;136(4):340-346.
39. Wisdom JP, McGee MG, Horner-Johnson W, **Michael YL**, Adams E, Berlin M. Health Disparities between Women with and without Disabilities: A Review of the Research. *Social Work in Public Health*. 2010;25(3):368-386.
40. Beasley JM, LaCroix AZ, Neuhaus ML, Huang Y, Tinker L, Woods N, **Michael YL**, Curb JD, Prentice RL. Protein intake and incident frailty in the Women's Health Initiative Observational Study. *Journal of the American Geriatrics Society*. 2010;58(6):1063-1071.
41. Li CI, Mathes RW, Bluhm EC, Caan B, Cavanagh MF, Chlebowski RT, **Michael YL**, O'Sullivan MJ, Stefanick ML, Prentice R. Migraine history and breast cancer risk among postmenopausal women. *Journal of Clinical Oncology: official Journal of the American Society of Clinical Oncology*. 2010;28(6):1005-1010.
42. Bertone-Johnson ER, Powers SI, Spangler L, Brunner RL, **Michael YL**, Larson JC, Millen AE, Bueche MN, Salmoirago-Blotcher E, Liu S, Wassertheil-Smoller S, Ockene J K, Ockene I, Manson JE. Vitamin D intake from foods and supplements and depressive symptoms in a diverse population of older women. *American Journal of Clinical Nutrition*. 2011;94(4):1104-1112.
43. **Michael YL**, Gregg J, Amann T, Solotaroff R, Sve C, Bowen JL. Evaluation of a community-based, service-oriented Social Medicine Residency curriculum. *Progress in Community Health Partnerships: Research, Education, and Action*. 2011;5(4):433-442.
44. **Michael YL**, Smit E, Seguin RA, Curb JD, Phillips LS, Manson JE. Serum 25-Hydroxyvitamin D and Physical Performance in Postmenopausal Women. *Journal of Women's Health*. 2011;20(11):1603-1608.

45. Findholt NE, **Michael YL**, Jerofke LJ, Brogoitti VW. Environmental influences on children's physical activity and eating habits in a rural Oregon county. *American Journal of Health Promotion*. 2011;26(2):e74-e85.
46. Chaudhury H, Mahmood A, **Michael YL**, Campo M, Hay K. The Influence of Neighborhood Residential Density, Physical and Social Environments on Older Adults' Physical Activity: An Exploratory Study in Two Metropolitan Areas. *Journal of Aging Studies*. 2011;26(1):35-43
47. Chaudhury H, Ann FIS, **Michael YL**, Mahmood A, Keast EM, Dogaru C, Wister A. Use of a Systematic Observational Measure to Assess and Compare Walkability for Older Adults in Vancouver, British Columbia and Portland, Oregon neighborhoods. *Journal of Urban Design*. 2011; 16(4):433-454.
48. Rosso AL, Auchincloss AH, **Michael YL**†. The Urban Built Environment and Mobility in Older Adults: a Comprehensive Review. *Journal of Aging Research*. 2011. PMID: 21766033. DOI: 10.4061/2011/816106
49. **Michael YL**, Gold R, Perrin NA, Hillier TA. Built environment and lower-extremity physical performance: Prospective findings from the Study of Osteoporotic Fractures in Women. *Journal of Aging and Health*. 2011;23(8):1246-1262.
50. Donovan GH, **Michael YL**, Butry DT, Sullivan AD, Chase JM. Urban trees and risk of poor birth outcomes. *Health & Place*. 2011;17(1):390-393.
51. Rosso AL, Eaton CB., Wallace R, Gold R, Curb JD, Stefanick ML, Ockene JK, **Michael YL**†. Combined Impact of Geriatric Syndromes and Cardiometabolic Diseases on Measures of Functional Impairment. *Journals of Gerontology. Series A, Biologic sciences and medical sciences*. 2011;66(3):349-354.
52. Rosso AL, Wisdom JP, Horner-Johnson W, McGee MG, **Michael YL**†. Aging with a disability: A systematic review of cardiovascular disease and osteoporosis among women aging with a physical disability. *Maturitas*. 2011;68(1):65-72.
53. Findholt N, **Michael YL**, Davis M. Photovoice Engages Rural Youth in Childhood Obesity Prevention. *Public Health Nursing*. 2011;28(2):186-192. PMID: 21732973.
54. Siu VW, Lambert WE, Fu R, Hillier TA, Bosworth M, **Michael YL**†. Built Environment and Its Influences on Walking among Older Women: Use of Standardized Geographic Units to Define Urban Forms. *Journal of Environmental and Public Health*. 2012.
55. Seguin R, LaMonte M, Tinker L, Liu J, Woods N, **Michael YL**, Bushnell C, LaCroix AZ. Sedentary Behavior and Physical Function Decline in Older Women: Findings from the Women's Health Initiative. *Journal of Aging Research*, 2012.
56. Smit E, Crespo CJ, **Michael YL**, Ramirez-Marrero FA, Brodowicz GR, Bartlett S, Andersen RE. The effect of vitamin D and frailty on mortality among non-institutionalized US older adults. *European Journal of Clinical Nutrition*. 2012;66(9):1024-1028.
57. Mahmood A, Chaudhury H, **Michael YL**, Campo MI, Hay K, Sarte A. A Photovoice Documentation of the Role of Neighborhood Physical and Social Environments in Older Adults' Physical Activity in two Metropolitan Areas in North America. *Social Science & Medicine*. 2012;74(8):1180-1192.
58. Kroenke CH, **Michael YL**, Tindle H, Gage E, Chlebowski R, Garcia L, Messina C, Manson JE, Caan BJ. Social networks, social support and burden in relationships, and mortality after breast cancer diagnosis. *Breast Cancer Research and Treatment*. 2012;133(1):375-385.
59. Bertone-Johnson ER, Powers SI, Spangler L, Larson J, **Michael YL**, Millen AE, Bueche MN, Salmoirago-Blotcher E, Wassertheil-Smoller S, Brunner RL, Ockene I, Ockene J K, Liu S, Manson JE. Vitamin D supplementation and depression in the Women's Health Initiative Calcium and Vitamin D Trial. *American Journal of Epidemiology*. 2012;176(1):1-13.

60. Perdue LA, **Michael YL**†, Harris C, Heller J, Livingston C, Rader M, Goff NM. Rapid Health Impact Assessment on Policies to Reduce Vehicle Miles Traveled in Oregon. *Public Health*. 2012;126(12):1063-1071.
61. Sims ST, Larson JC, LaMonte MJ, **Michael YL**, Martin LW, Johnson KC, Sarto GE, Stefanick ML. Physical Activity and Body Mass: Changes in Younger versus Older Postmenopausal Women. *Medicine & Science in Sports & Exercise*. 2012;44(1):89-97.
62. Dubowitz T, Ghosh-Dastidar M, Eibner C, Slaughter MC, Fernandes M, Whitsel EA, Bird CE, Jewell A, Margolis KL, Li W, **Michael YL**, Shih R, Manson JE, Escarce J. Women's Health Initiative: the Food Environment, Neighborhood Socioeconomic Status, Body Mass Index and Blood Pressure. *Obesity*. 2012;20(4):862-871.
63. Wilkerson A, Carlson NE, Yen I, **Michael YL**†. Neighborhood Physical Features and Relationships With Neighbors Does Positive Physical Environment Increase Neighborliness? *Environment & Behavior*. 2012;44(5):595-615.
64. Taylor JA, Pandian RS, Mao L, Michael YL. Using inpatient hospital discharge data to monitor patient safety events. *Journal of Healthcare Risk Management* 2013;32(4):26-33.
65. **Michael YL**, Gold R, Perrin N, Hillier T. Built environment and change in body mass index in older women. *Health & Place*. 2013;22C:7-10.
66. Findholt NE, Davis MM, **Michael YL**. Perceived Barriers, Resources, and Training Needs of Rural Primary Care Providers Relevant to the Management of Childhood Obesity. *The Journal of Rural Health*. 2013. 29(s1), s17-s24.
67. Hyslop T, **Michael YL**, Avery T, Rui H. Population considerations for triple-negative breast cancer clinical trials. *Biomarkers in Medicine*. 2013;7(1):11-21.
68. Leader A, **Michael YL**. The Association between neighborhood social capital and cancer screening. *American Journal of Health Behavior*. 2013;37(5):683-692.
69. Sims ST, Kubo J, Desai M, Bea J, Beasley JM, Manson JE, Allison M, Seguin RA, Chen Z, **Michael YL**, Sullivan SD, Beresford S, Stefanick ML. Changes in physical activity and body composition in postmenopausal women over time. *Medicine & Science in Sports & Exercise*. 2013. 45(8), 1486
70. Kang H, **Michael YL**. Social integration: How is it related to self-rated health? *Advances in Aging Research*. 2013;2(1):10-20.
71. Rosso AL, Taylor J, Tabb L, **Michael YL**†. Mobility, disability, and social engagement in older adults. *Journal of Aging and Health*. 2013; 25(4): 617-637.
72. Donovan GH, Butry DT, **Michael YL**, Prestemon JP, Liebhold AM, Gatzolis D, Mao MY. The relationship between trees and human health: Evidence from the spread of the Emerald Ash Borer. *American Journal of Preventive Medicine*. 2013;44(2):139-145.
73. Rosso AL, Eaton CB, Wallace R, Gold R, Stefanick ML, Ockene JK, Curb D, **Michael YL**†. Geriatric Syndromes and Incident Disability in Older Women: Results from the Women's Health Initiative Observational Study. *Journal of the American Geriatrics Society*. 2013;61(3)271-279.
74. DiMaria-Ghalili RA, **Michael YL**, Rosso AL. Malnutrition in a sample of community-dwelling older Pennsylvanians. *The Journal of Aging Research and Clinical Practice*. 2013;2(1):39-45
75. LeBlanc ES, Desai M, Perrin N, Wactawski-Wende J, Manson JE, Cauley JA, **Michael YL**, Stefanick ML. Vitamin D levels and menopause-related symptoms. *Menopause* 2014; 21(11): 1-9.
76. Zaslavsky O, Cochrane BB, Woods NF, LaCroix AZ, Liu J, Herting JR, Goveas JS, Johnson KC, Kuller LH, Martin LW, **Michael YL**, Robinson JG, Stefanick M, Tinker LF. Trajectories of Positive Aging: Observations from the Women's Health Initiative Study. *International Psychogeriatrics Journal* 2014;1-12.

77. **Michael YL**, Nagel CL, Gold R, Hillier TA. Does change in the neighborhood environment prevent obesity in older women? *Social Science and Medicine* 2014;102:129-137.
78. Rosso AL, Tabb LP, Grubestic A, Taylor JT, **Michael YL**†. Neighborhood Social Capital and Achieved Mobility of Older Adults. *J Aging Health* December 2014; 26: 1301-1319.
79. Rosso AL, Auchincloss A, Grubestic A, Tabb LP, **Michael YL**†. Neighborhood amenities and mobility in older adults. *American Journal of Epidemiology* 2013; 178(5), 761-769.
80. Burstyn I, Slutsky A, Lee DG, Singer AB, An Y, **Michael YL**. Beyond Crosswalks: Reliability of Exposure Assessment Following Automated Coding of Free-Text Job Descriptions for Occupational Epidemiology. *Annals of Occupational Hygiene* 2014; 58(4), 482-492.
81. Adams JW, Brady KA, **Michael YL**†, Yehia BR, Momplaisir FM. Postpartum Engagement in HIV Care: An Important Predictor of Long-term Retention in Care and Viral Suppression. *Clinical Infectious Diseases* 2015; 61(12), 1880-1887.
82. Palumbo AJ, **Michael YL**†, Burstyn I, Lee BK, Wallace R. Occupational physical demand and risk of hip fracture in older women. *Occupational and Environmental Medicine*, 2015;72:567-572
83. Donovan GH, **Michael YL**, Gatzliolis, D, Prestemon, JP, Whitsel EA. Is tree loss associated with cardiovascular-disease risk in the Women's Health Initiative? A natural experiment. *Health & place* 2015; 36: 1-7.
84. Mayne SL, Auchincloss AH, **Michael YL**†. Impact of policy and built environment changes on obesity-related outcomes: a systematic review of naturally occurring experiments. *Obesity Reviews* 2015; 16(5), 362-375
85. Rosso AL, Lee BK, Stefanick ML, Kroenke CH, Coker LH, Woods NF, **Michael YL**†. Caregiving Frequency and Physical Function: The Women's Health Initiative. *The Journals of Gerontology Series A: Biological Sciences and Medical Sciences* 2015;70(2): 210-215.
86. Donovan GH, Jovan SE, Gatzliolis D, Burstyn I, **Michael YL**, Monleon VJ. Using an epiphytic moss to identify previously unknown sources of atmospheric cadmium pollution. *Science of the Total Environment* 2016; 559: 84-93.
87. Palumbo A, **Michael YL**†, Hyslop T. Latent class model characterization of neighborhood socioeconomic status. *Cancer Causes and Control* 2016; 27(3): 445-452.
88. Gidaya NB, Lee BK, Burstyn I, **Michael YL**†, Newschaffer CJ, Mortensen EL. In utero Exposure to β -2-Adrenergic Receptor Agonist Drugs and Risk for Autism Spectrum Disorders. *Pediatrics*. 2016 137(2), e20151316.
89. Missikpode C, **Michael YL**†, Wallace R. Midlife Occupational Physical Activity and Risk of Disability Later in Life: National Health and Aging Trends Study (NHATS). *Journal of the American Geriatrics Society* 2016; 64(5), 1120-1127.
90. Chaudhury H, Campo M, **Michael YL**, Mahmood A. Neighbourhood environment and physical activity in older adults. *Social Science & Medicine*. 2016;149:104-13.
91. Kroenke, C.H., **Michael, Y.L.**, Poole, E.M., Kwan, M.L., Nechuta, S., Leas, E., Caan, B.J., Pierce, J., Shu, X.O., Zheng, Y. and Chen, W.Y., Postdiagnosis social networks and breast cancer mortality in the After Breast Cancer Pooling Project. *Cancer*, 2017; 123(7);1228-1237.
92. Mayne SL, Auchincloss AH, Stehr MF, Kern DM, Navas-Acien A, Kaufman JD, **Michael YL**†, Diez Roux AV. Longitudinal Associations of Local Cigarette Prices and Smoking Bans with Smoking Behavior in the Multi-Ethnic Study of Atherosclerosis. *Epidemiology*, 2017; 28(6), 863-871.
93. Pedersen JM, Budtz-Jørgensen E, De Roos A, Garcia L, Lund R, Rod NH, Kroenke C, Chan KH, Liu S, **Michael YL**†. Understanding the relation between socioeconomic position and inflammation in post-menopausal women: education, income and occupational prestige. *European Journal of Public Health*. 2017;27(6), 1074-1079.

94. Kroenke CH, **Michael YL**, Shu XO, Poole EM, Kwan ML, Nechuta S, Caan BJ, Pierce JP, Chen WY. Post-diagnosis social networks, and lifestyle and treatment factors in the After Breast Cancer Pooling Project. *Psycho-Oncology*. 2017;26(4):544-52.
95. Palumbo AJ, De Roos AJ, Cannuscio C, Robinson L, Mossey J, Weitlauf J, Garcia L, Wallace R, **Michael YL**†. Work Characteristics Associated with Physical Functioning in Women. *International journal of environmental research and public health*. 2017;14(4):424.
96. Mayne SL, Auchincloss AH, Moore KA, **Michael YL**†, Tabb LP, Echeverria SE, Roux AV. Cross-sectional and longitudinal associations of neighbourhood social environment and smoking behaviour: the multiethnic study of atherosclerosis. *J Epidemiol Community Health*. 2017;71(4):396-403.
97. Gillespie S, LeVasseur MT, **Michael YL**†. Neighbourhood Amenities and Depressive Symptoms in Urban-Dwelling Older Adults. *Journal of Urban Design and Mental Health* 2017;2:4
98. Yong Y, Xu Y, Rodriguez DA, **Michael YL**, Zhang H. Active travel, public transportation use, and daily transport among older adults: The association of built environment. *Journal of Transport & Health*. 2018;9:288-298.
99. Guirguis-Blake JM, **Michael YL**, Perdue LA, Coppola EL, Beil TL. Interventions to Prevent Falls in Older Adults: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force. *JAMA*.2018;319(16):1705–1716.
100. Wang C, De Roos AJ, Fujishiro K, Allison MA, Wallace R, Seguin RA, ... & **Michael YL**†. Occupational Physical Activity and Coronary Heart Disease in Women’s Health Initiative Observational Study. *The Journals of Gerontology: Series A*. 2019;74(12):1952-1958
101. Auchincloss A, **Michael YL**, Kuder JK, Sh Ji, Khan S, Ballester LS. Changes in community level physical activity after building a greenway in a disadvantaged urban community: a natural experiment. *Preventive Medicine Reports*. 2019; 15:100941.
102. Donovan GH, **Michael YL**, Gatziolis D, Mannetje AT, & Douwes J. Association between exposure to the natural environment, rurality, and attention-deficit hyperactivity disorder in children in New Zealand: a linkage study. *The Lancet Planetary Health*, 2019. 3(5):e226-e234.
103. Mudd AE, **Michael YL**†, Melly S, Moore K, Diez-Roux A, & Forrest CB. Spatial accessibility to pediatric primary care in Philadelphia: an area-level cross sectional analysis. *International journal for equity in health*. 2019;18(1):76.
104. Gernes R, Brokamp C, Rice GE, Wright JM, Kondo MC, **Michael YL**, ... & Lockey JE. Using high-resolution residential greenspace measures in an urban environment to assess risks of allergy outcomes in children. *Science of The Total Environment*, 2019; 668: 760-767
105. Palumbo AJ, Cannuscio C, De Roos AJ, Robinson L, Mossey J, Wallace R, Garcia L, Shadyab AH, Sealy-Jefferson S, **Michael YL**†. Women’s Occupational Patterns and Later Life Physical Functioning. *Journal of aging and health*. 2020; 32(5-6):410-21
106. **Michael YL**, Wu C, Pan K, Seguin-Fowler RA, Garcia DO, Zaslavsky O, Chlebowski RT. Postmenopausal Breast Cancer and Physical Function Change: A Difference-in-Differences Analysis. *Journal of the American Geriatrics Society*. 2020; 68(5):1029-36.
107. Donovan GH, **Michael YL**, Gatziolis D, Hoyer RW. The relationship between the natural environment and individual-level academic performance in Portland, Oregon. *Environment and Behavior* 2020; 52(2):164-186.
108. Falconi AM, Weber AM, Cullen MR, Stefanick ML, **Michael YL**, Darmstadt GL. Shifts in women’s paid employment participation during the World War II era and later life health. *Journal of Adolescent Health*. 2020; 66(10):S42-S50.
109. Hirsch JA, Zhao Y, Bilal U, Neckerman KM, **Michael YL**. Health and Health-Related Resources in Newly Designated Federally Qualified Opportunity Zones: United States, 2012–2016. *American Journal of Public Health*. 2020; 110(3): 407-15.

110. Auchincloss AH, **Michael YL**, Fuller D, Li S, Niamatullah S, Fillmore CE, Setubal C, Bettigole C. Design and baseline description of a cohort of bikeshare users in the city of Philadelphia. *Journal of Transport & Health*, 2020;16: 100836.
111. Mudd AE, **Michael YL**, Diez-Roux AV, Maltenfort M, Moore K, Melly S, Le-Scherban F, Forrest CB, Primary Care Accessibility Effects on Health Care Utilization among Urban Children. *Academic Pediatrics* 2020; doi: <https://doi.org/10.1016/j.acap.2020.05.014>

2. Editorials:

1. Klassen AC, **Michael YL**, Confair AR, Turchi RM, Vaughn NA, Harrington J. What does it take to sustain livable public housing communities. (Editorial). *Progress in Community Health Partnerships: Research, Education, and Action*. 2013;7(1):1-3.
2. **Michael YL**, Yen IH. Aging and place—Neighborhoods and health in a world growing older. *Journal of Aging and Health* 2014; 1251-1260.

3. Letters and Commentary:

1. **Michael YL**, Carlson NE, Bowen DJ, Ritenbaugh C. Rebuttal re: Confirmatory Bias and the Persistent Influence of Discredited Data in Interpreting the Stress-Cancer Link. (Letter to the editor). *Health Psychology* 2009;30(3):375-376.
2. **Michael YL**, Yen I. Built environment and obesity among older adults – Can neighborhood-level policy interventions make a difference? (Invited Commentary). *American Journal of Epidemiology*. 2009;169(4):409-412.
3. **Michael YL**, Carlson NE, Bowen DJ, Ritenbaugh C, Chlebowski RT, Weihs KL, Ockene JK. Re: "Invited commentary: personality as a causal factor in cancer risk and mortality--time to retire a hypothesis?". (Letter to the editor). *American Journal of Epidemiology*. 2011;173(6): 716.
4. Donovan GH, **Michael YL**, Butry DT, Sullivan AD, Chase JM. Comment on "Green Space, health inequality, and pregnancy." *Environment International*. 2012;39(1):133. PMID: 22208752 . DOI: 10.1016/j.envint.2011.10.009

4. Book Chapter:

1. Weintraub JM, Michael YL. "Hamilton, Alice". In: *Encyclopedia of Epidemiology*. Boslaugh S, ed. Sage Publications Inc: Thousand Oaks, CA. 2007.

PROFESSIONAL ACTIVITIES

TEACHING:

- Course Director and Instructor: Research Methods in Public Health (4 credits, graduate), Developed and co-instructed (2017-present)
- Instructor: Design and Health Research (3 credits, graduate), Developed and co-instructed (2016-present)
- Instructor: Applied Survey Research in Epidemiology (3 credits, graduate), Co-instructed 2010, Redeveloped and instructed 2011- 2014, 2019 (co-instructor),
- Instructor: Proposal Writing Seminar (3 credits, graduate), Developed and instructed (2011 – 2015)
- Course Director: Epidemiology in Public Health (3 credits, undergraduate), Co-course director 2010, Course director 2011- 2012
- Co-Instructor: Social Determinants of Health (3 credits, undergraduate), Co-developed and instructed Winter 2012, Pennoni Honors College.

- Guest Lecturer: Community-Based Prevention Practices. Topic: Epidemiologic perspective on program planning and evaluation (1 hour), Spring 201
- Guest Lecturer: Epidemiology PhD Seminar II. Topic: Assessing reliability and validity of exposures in epidemiologic research (3 hours), Winter 2010
- Guest Lecturer: Epidemiology PhD Seminar II. Topic: Peer review activities (3 hours), Spring 2010
- Guest Lecturer: Community Based Master Project Seminar Series. Topic: Survey Research (1 hour), Fall 2010
- Doctoral student mentor (PhD-Epidemiology): Bricia Trejo, Amie Devlin, Rennie Joshi, Conglong Wang, Heather Rozjabek, Aimee Palumbo, Ginger Stringer, Andrea Rosso
- Member of Thesis committee: Max Pistilli (PhD Epidemiology), Samantha Rivera (DrPH Community Health and Prevention), Ana Ortigoza (PhD Epidemiology), Suzanne Reddington (DrPH Department of Community Health and Prevention), Nicole Gidaya (PhD Epidemiology), Corey Nagel (PhD Nursing ,Oregon Health and Science University), Ann Mitchell (PhD Nursing, University of Pennsylvania)
- Graduate student Mentor (since 2012): 42 students
- Undergraduate student training (since 2012): 5 students

RESEARCH:

Current Grant Support:

Wellcome Trust (PI Diex Roux)	Health in Cities: Latin America	5%	2017- 2021	11,802,161
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Recent Grant Support (3 years):

NIH/NIA R01AG049970-04S1 (PI Lovasi)	Communities Designed to Support Cardiovascular Health for Older Adults	20%	2018 - 2019	2,361,000
PA Non-formula (PI Forrest)	Pediatric Big Data Project	10%	2017-2019	1,313,392
PA Public Health (PI Auchincloss)	Bike Share Membership and its Effect on Physical Activity	10%	2014- 2018	410,000
AHRQ (PI Lin)	Interventions to Prevent Falls	20%	2015-2017	98,000 (sub-award)

STUDY SECTION:

- Reviewer, NIH/CSR Study Section, Interdisciplinary Peer Review Quality Experiment, March 2016.
- Member, NIH/CSR Study Section, Community Influences on Health Behavior, 2010-2014.
- Co-Chair, NIH/CSR Study Section, Community Influences on Health Behavior, 2014.

EDITORIAL SERVICE:

- Co-editor for Special Issue, Journal of Aging and Health, 2013-2014
- Co-editor for Special Issue, Progress in Community Health Partnerships, 2011-2012
- Peer review: American Journal of Epidemiology, American Journal of Preventive Medicine, Annals of Behavioral Medicine, Gerontologist, Journal of Environment and Community Health, Journal of Aging and Health, Preventive Medicine, Environment & Behavior, Journals of Gerontology, Journal of Health and Place, Social Science and Medicine, International Journal of Behavioral Nutrition and Physical Activity,

LIST of CURRENT RESEARCH INTERESTS:

- 1. Women's Occupation and Health**
- 2. Disability and Mobility**
- 3. Natural Environment and Health**

I employ rigorous epidemiologic methods to identify factors in the occupational, social and built environment that influence healthy aging in order to prioritize factors for policy or programmatic intervention. More broadly, my research aims to identify policy-relevant risk factors related to health among vulnerable populations across the life span.

Increases in life expectancy have driven research to improve the nature of these additional years. Healthy aging is defined by the World Health Organization as “the process of developing and maintaining the functional ability that enables wellbeing in older age.” The accumulation of disadvantage throughout the life course results in stark inequities in health and well-being in older ages. My research addresses cognitive and mental health outcomes, cancer and CVD prevention, maintenance of physical function and mobility, and promotion of physical activity and obesity among older adults. Given the cumulative effects of poor health across the lifespan, it is harder to intervene to improve health in adults. Thus, I have expanded my research to understand determinants throughout the life span, including among children. By focusing on preventing poor health early in life, the research ultimately will lead to the prevention of poor health among adults and older adults.