

Curriculum Vitae

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Education:

Ph.D. in Epidemiology, May, 1995
School of Public Health and Community Medicine, University of Washington, Seattle, WA
Dissertation Topic: Dietary Antioxidants and Postmenopausal Osteoporosis

M.N. in Physiological Nursing, June, 1981
Gerontological Nursing Program, University of Washington, Seattle, WA

B.S.N., June, 1975
School of Nursing, Georgetown University, Washington, D.C.

Academic Appointments:

7/2016-	ASSOCIATE DEAN FOR RESEARCH, College of Nursing and Health Sciences, University of Massachusetts, Boston, MA.
1/2015-7/2016	INTERIM ASSOCIATE DEAN FOR RESEARCH, College of Nursing and Health Sciences, University of Massachusetts, Boston, MA.
8/2013-7/2015	PROFESSOR, SCHOOL OF HEALTH AND SOCIAL CARE, University of Greenwich, Avery Campus, Greenwich, England, UK.
9/2012-3/2015	DIRECTOR, PHD PROGRAM IN NURSING University of Massachusetts Boston, Boston, MA.
9/2009-	PROFESSOR OF NURSING, University of Massachusetts Boston, Boston, MA.
9/2009-	LECTURER ON MEDICINE, Harvard Medical School, Boston, MA.
5/2003-9/2009	ASSISTANT PROFESSOR IN MEDICINE, Harvard Medical School, Boston, MA.
8/2002-5/2003	INSTRUCTOR IN MEDICINE, Harvard Medical School, Boston, MA.

Visiting Appointments:

- 6/2013 VISITING PROFESSOR, School of Health & Social Care, University of Greenwich, Avery, Greenwich, England, United Kingdom
- 8/2014- VISITING PROFESSOR, University of Greenwich, Hill Campus, Greenwich, England, United Kingdom

Professional Experience:

EPIDEMIOLOGIST

- 1/2004- Division of General Medicine and Primary Care, Beth Israel Deaconess Medical Center, Boston, MA. The BIDMC is large not-for-profit medical center, one of the Harvard University teaching hospitals. Responsibilities include Director of Research for the OpenNotes Project, participation in collaborative research within and outside of the Harvard System, teaching and mentoring general medicine fellows, junior faculty, and medical residents in research methods and epidemiology of aging.

SENIOR RESEARCH ASSOCIATE

- 1/2000-12/2003 Research and Training Institute, Hebrew Rehabilitation Center for Aged, Boston, MA. The RTI, now named the Institute for Aging Research (IFAR), is a not-for-profit medical and social science center, specializing in gerontological research. Led an independent epidemiologic research program, collaborating with investigators internal and external to the Institute.

RESEARCH FELLOW

- 7/1996 - 1/2000 Epidemiology, Demography, and Biometry Program, National Institute on Aging, National Institutes of Health, Bethesda, MD. Statistical analyses of large NIA datasets, studying the causes and prevention of disability in older adults. Development and management of independent program of research. Collaboration with outside scientists from other US institutions and internationally.

RESEARCH ASSOCIATE

- 9/1991-6/1996 Center for Health Studies, Group Health Cooperative of Puget Sound and Center for Health Promotion in Older Adults, School of Public Health, University of Washington, Seattle, WA. Project director of senior center-based health promotion trial. Co-investigator on series of health promotion intervention studies; observational research related to aging and chronic diseases using HMO administrative data and aging cohort data sets.

Teaching Experience:

- 2009- University of Massachusetts Boston: Courses for doctoral nursing students on research methods and epidemiology, preparing dissertation proposals.
- 2005-2010 Beth Israel Deaconess Medical Center: Residents Research Course
- 2004-2009 Beth Israel Deaconess Medical Center: Health Care Associates, Leader, Nurses Journal Club

Teaching Experience, (cont.):

2003- Harvard Medical School. Course tutor: Clinical Epidemiology

Previous Professional Experience:

CLINICAL & CONSULTANT NURSING POSITIONS 12/1975-9/1990	Geriatric nursing and staff education; Clinical aging research study coordinator; surgical nursing in university medical centers; clinic nursing at On Lok Senior Health Services; Nursing Care Consultant with WA State DSHS, Bureau of Nursing Home Affairs.
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Awards, Scholarships and Other Honors:

1971-1975	Rhode Island State Scholarship
1971-1975	Health Professions Scholarship
1979-1980	Professional Nurse Traineeship
1984	ANA Certification: Gerontological Nurse
1990-1993	Achievement Rewards for College Scientists Fellowship
1993-1994	Magnuson Health Sciences Scholar
1997	Fellows Award for Research Excellence, NIH
2011	John A. Hartford Geriatric Nursing Research Award, Eastern Nursing Research Society
2012	Spirit of Nursing Award, University of Massachusetts Boston

Professional Societies:

Gerontological Society of America
American Geriatrics Society
International Association for the Study of Pain
American Pain Society
Massachusetts Nurses Association
American Association of Colleges of Nursing
Eastern Nursing Research Society
American Statistical Association

Publications (Peer Reviewed):

1. Grady D, Halloran B, Cummings S, Leveille S, Wells L, Black D, Byl N. 1,25-Dihydroxyvitamin D3 and muscle strength in the elderly: a randomized controlled trial. *Journal of Clinical Endocrinology and Metabolism* 1991; 73(5):1111-7.
2. Leveille SG, LaCroix AZ, Hecht JA, Grothaus LC, Wagner EH. The cost of disability in older women and opportunities for prevention. *Journal of Women's Health* 1992; 1:53-61.
3. Leveille SG, Buchner DM, Koepsell TD, McCloskey LW, Wolf M, Wagner EH. Psychoactive medications and injurious motor vehicle collisions involving older drivers. *Epidemiology* 1994:91-598.
4. Wagner EH, LaCroix AZ, Grothaus LC, Leveille SG, Hecht JA. Preventing disability and falls in older adults: a population-based randomized trial. *American Journal of Public Health* 1994; 84:1800-1806.

Publications (Peer Reviewed) (cont.):

5. LaCroix AZ, Leveille SG, Hecht JA, Grothaus LC, Wagner EH. Does walking decrease the risk of cardiovascular disease hospitalizations and death in older adults? *Journal of the American Geriatrics Society*, 1996; 44:113-120.
6. Leveille SG, LaCroix AZ, Koepsell TD, Beresford, S, van Belle G, Buchner DM. Do dietary antioxidants prevent postmenopausal bone loss? *Nutrition Research* 1997; 17:1261-1269.
7. Guralnik JM, Leveille SG, Hirsch R, Ferrucci L, Fried LP. The impact of disability in older women. *Journal of the American Medical Women's Association* 1997; 52:113-120.
8. Guralnik JM, Leveille SG. Race, ethnicity, and health outcomes: Unraveling the mediating role of socioeconomic status (annotation). *American Journal of Public Health* 1997; 87:728-730.
9. Leveille SG, LaCroix AZ, Koepsell TD, Beresford, S, van Belle G, Buchner DM. Dietary vitamin C and bone mineral density in postmenopausal women. *Journal of Epidemiology and Community Health* 1997; 51:479-485.
10. Leveille SG, LaCroix AZ, Newton KM, Keenan NL. Older women and hormone replacement therapy: Factors influencing late life initiation. *Journal of the American Geriatrics Society* 1997; 45:1496-1500.
11. LaCroix AZ, Newton KM, Leveille SG, Wallace J. Healthy Aging: A women's issue. *Western Journal of Medicine* 1997; 167:220-32.
12. Newton KM, LaCroix AZ, Leveille SG, Rutter C, Keenan NL, Anderson LA. Women's beliefs and decisions about hormone replacement therapy. *Journal of Women's Health* 1997; 6:459-65.
13. Coleman EA, Tyll L, LaCroix AZ, Allen C, Leveille SG, Wallace JI, Buchner DM, Grothaus LC, Wagner EH. Recruiting African American older adults for a community-based health promotion intervention: Which strategies are effective? *American Journal of Preventive Medicine* 1997;13(6 Supp):51-56.
14. Leveille SG, Guralnik JM, Ferrucci L, Corti MC, Kasper J, Fried LP. Black/White differences in the relationship of disability to MMSE scores: The Women's Health and Aging Study. *Journals of Gerontology: Psychological Sciences* 1998; 53B:201-208.
15. Wallace JI, Buchner DM, Grothaus L, Leveille S, LaCroix AZ, Wagner EH. Implementation and effectiveness of a community-based health promotion program for older adults. *Journals of Gerontology: Medical Sciences* 1998; 53:M301-M306.
16. Leveille SG, Guralnik JM, Ferrucci L, Hirsch R, Simonsick E, Hochberg MC. Foot pain and disability in older women. *American Journal of Epidemiology* 1998; 148:657-665.
17. Leveille SG, Wagner EH, Davis C, Grothaus L, Wallace J, LoGerfo M, Kent D. Preventing disability and managing chronic illness in frail older adults: A community-based partnership with primary care. *Journal of the American Geriatrics Society* 1998; 46:1191-1198.

Publications (Peer Reviewed) (cont.):

18. Rantanen T, Guralnik JM, Leveille S, Izmirlian G, Hirsch R, Simonsick E, Ling S, Fried LP. Racial differences in muscle strength in disabled older women. *Journal of Gerontology: Biological Sciences* 1998; 53A:B355-B361.
19. Newton KM, LaCroix AZ, Leveille SG, Rutter C, Keenan NL, Anderson LA. The physician's role in women's decision making about hormone replacement therapy. *Obstetrics and Gynecology* 1998;92:580-584.
20. Davis C, Leveille SG, Favaro S, LoGerfo M, Wagner EH. Benefits to volunteers in a community-based health promotion and chronic illness self-management program for the elderly. *Journal of Gerontological Nursing* 1998; 24(10):16-23.
21. Rantanen T, Guralnik JM, Sakari-Rantala R, Leveille SG, Simonsick E, Ling S, Fried LP. Disability, physical activity and muscle strength in older women: The Women's Health and Aging Study. *Archives of Physical Medicine and Rehabilitation*. 1999 Feb; 80(2):130-5.
22. Rantanen T, Guralnik JM, Foley D, Masaki K, Leveille S, Curb JD. Mid-life hand grip strength as a predictor of old age disability. *JAMA* 1999; 281:558-560.
23. Corti MC, Guralnik JM, Ferrucci L, Izmirlian G, Leveille SG, Pahor M, Cohen HJ, Pieper C, Havlik RJ. Evidence for a Black-White crossover in all-cause mortality and coronary heart disease mortality from a prospective study of an older population: The North Carolina EPSE. *American Journal of Public Health* 1999;89:308-314
24. Leveille SG, Guralnik JM, Ferrucci L, Langlois J. Aging successfully until death in old age: Opportunities for increasing active life expectancy. *American Journal of Epidemiology* 1999; 149:654-664.
25. Ferrucci L, Izmirlian G, Leveille SG, Phillips CL, Corti MC, Brock DB, Guralnik JM. Smoking, physical activity and active life expectancy. *American Journal of Epidemiology* 1999; 149:645-653.
26. Rantanen T, Guralnik JM, Ferrucci L, Leveille SG, Fried LP. Co-impairments: Strength and balance as predictors of severe walking disability. *Journal of Gerontology: Medical Sciences* 1999; 54:M172-6.
27. Leveille SG, Guralnik JM, Hochberg M, Hirsch R, Ferrucci L, Langlois J, Rantanen T, Ling S. Low back pain and disability in older women: Independent association with difficulty but not inability to perform daily activities. *Journal of Gerontology: Medical Sciences* 1999; 54:M487-M493.
28. Langlois JA, Norton R, Campbell AJ, Leveille S. Characteristics and behaviors associated with ADL difficulty in older New Zealand women. *Disability and Rehabilitation* 1999; 21:365-371.
29. Guralnik JM, Ferrucci L, Penninx BWJH, Kasper JD, Leveille SG, Bandeen-Roche K, Fried LP. New and worsening conditions and change in physical and cognitive performance during weekly evaluations over six months: The Women's Health and Aging Study. *Journal of Gerontology: Medical Sciences* 1999; 54A:M410-M422.

Publications (Peer Reviewed) (cont.):

30. Hirsch R, Guralnik JM, Leveille S, Simonsick E, Ling SM, Bandeen-Roche K, Rantanen T, Pahor M, Fried LP, Hochberg MC. Severity of hand osteoarthritis and its association with upper extremity function in a population of disabled older women: The Women's Health and Aging Study. *Aging*. 1999; 11:253-261.
31. Penninx BWJH, Guralnik JM, Leveille S, Ferrucci L, van Eijk JTM. Exploring the effect of depression on physical disability: Longitudinal evidence from the EPESE. *American Journal of Public Health* 1999 Sep; 89(9):1346-52.
32. Rantanen T, Harris T, Leveille S, Visser M, Foley D, Masaki K, Guralnik JM. Hand grip strength and body mass index as long-term predictors of mortality in Japanese-American men. *Journal of Gerontology: Medical Sciences* 2000; 55A:M168-M173.
33. Leveille SG, Penninx BWJH, Melzer D, Izmirlian G, Guralnik JM. Sex differences in disability prevalence in old age: The dynamics of incidence, recovery, and mortality. *Journal of Gerontology: Social Sciences* 2000; 55B:S41-S50.
34. Guralnik JM, Ferrucci L, Pieper CF, Leveille SG, Markides KS, Ostir GV, Stedenski S, Berkman LF, Wallace RB. Lower extremity function and subsequent disability: Consistency across studies, predictive models, and value of gait speed alone compared to the Short Physical Performance Battery. *Journal of Gerontology: Medical Sciences* 2000; 55A:M221-M231.
35. Leveille SG, Resnick HE, Balfour J. Gender differences in disability: Evidence and underlying reasons. *Aging: Clinical and Experimental Research* April, 2000; 12:106-112.
36. Leveille SG, Gray S, Black DJ, LaCroix AZ, Ferrucci L, Volpato S, Guralnik JM. A new method for identifying antibiotic-treated infections using automated pharmacy records. *Journal of Clinical Epidemiology* 2000; 53(10):1069-1075.
37. Gregg EW, Beckles GLA, Williamson DF, Leveille SG, Langlois JA, Engelgau MM, Narayan V. Diabetes and physical disability among older U.S. adults. *Diabetes Care* 2000; 23(9):1272-7.
38. Ferrucci L, Penninx BWJH, Leveille SG, Corti MC, Pahor M, Wallace R, Harris TB, Havlik RJ, Guralnik JM. Characteristics of non-disabled older persons who perform poorly in objective tests of lower extremity function. *Journal of the American Geriatrics Society* 2000; 48(9):1102-10.
39. Penninx BWJH, Ferrucci L, Leveille SG, Rantanen T, Pahor M, Guralnik JM. Lower extremity performance in non-disabled older persons as a predictor of subsequent hospitalization. *Journal of Gerontology: Medical Sciences* 2000; 55:M691-M697.
40. Rantanen T, Guralnik JM, Ferrucci L, Penninx BEJH, Leveille S, Sipila S, Fried LP. Coimpairments as predictors of severe walking disability in older women. *Journal of the American Geriatrics Society* 2001; 49:21-27.
41. Leveille SG, Gray S, Lacroix AZ, Ferrucci L, Black DJ, Guralnik JM. Physical inactivity and smoking increase risk for serious infections in older women. *Journal of the American Geriatrics Society* 2000; 48(12):1582-8.

Publications (Peer Reviewed) (cont.):

42. Resnick HE, Vinik AI, Schwartz AV, Leveille SG, Branchati FL, Balfour J, Guralnik JM. Independent effects of peripheral nerve dysfunction on lower extremity physical function in old age: The Women's Health and Aging Study. *Diabetes Care* 2000; 23:1642-1647.
43. Simonsick EM, Kasper JD, Guralnik JM, Bandeen-Roche K, Ferrucci L, Hirsch R, Leveille S, Rantanen T, Fried LP. Severity of upper and lower extremity functional limitations: Scale development and validation with self-report and performance measures of physical function. *Journal of Gerontology: Social Sciences* 2001; 56B:S10-S19.
44. Melzer D, Izmirlian G, Leveille SG, Guralnik JM. Educational differences in the prevalence of mobility disability in old age: the dynamics of incidence, mortality, and recovery. *Journal of Gerontology: Social Sciences* 2001; 56B:S294-S301.
45. Volpato S, Leveille SG, Corti MC, Harris TB, Guralnik JM. The value of serum albumin and high-density lipoprotein cholesterol in defining mortality risk in older persons with low serum cholesterol. *Journal of the American Geriatrics Society* 2001; 49:1142-1147.
46. Hennessy CH, Buchner DM, Jordan JM, Leveille SG, Shefer AM, Stevens JA. The public health perspective in health promotion and disability prevention for older adults: The role of the Centers for Disease Control and Prevention. *J Rural Health* 2001; 17(4):364-9.
47. Leveille SG, Ling S, Hochberg M, Resnick HE, Bandeen-Roche K, Won A, Guralnik JM. Widespread musculoskeletal pain and the progression of disability in older disabled women. *Annals of Internal Medicine* 2001; 135:1038-1046.
48. Bean JF, Kiely DK, Herman S, Leveille SG, Mizer K, Frontera WR, Fielding RA. The relationship between leg power and physical performance in mobility limited elders. *Journal of the American Geriatrics Society* 2002; 50:461-467.
49. Leveille SG, Bean J, Bandeen-Roche K, Jones R, Hochberg M, Guralnik JM. Musculoskeletal Pain and Risk for Falls in Older Disabled Women Living in the Community. *Journal of the American Geriatrics Society* 2002; 50:671-678.
50. Bean J, Keily DK, Leveille SG, Morris J, Associating the onset of movement impairments with disability progression in nursing home residents. *American Journal of Physical Medicine and Rehabilitation*, 2002; 81:696-704.
51. Bean JF, Kiely DK, Leveille SG, Herman S, Huynh C, Fielding R, Frontera W. The six-minute walk test in mobility limited elders: What is being measured? *Journal of Gerontology: Medical Sciences* 2002; 57(11):M751-6.
52. Phelan EA, Williams B, Leveille S, Snyder S, Wagner EH, LoGerfo JP. Outcomes of a community-based dissemination of the health enhancement program. *Journal of the American Geriatrics Society* 2002; 50:1519-24.
53. Leveille SG, Fried LP, Guralnik JM. Disabling symptoms: What do older women report? *Journal of General Internal Medicine* 2002; 17:766-773.

Publications (Peer Reviewed) (cont.):

54. Boudreau D, Leveille SG, Gray S, Black D, Guralnik JM, Ferrucci L, LaCroix AZ. Risks for frequent antimicrobial treated infections in postmenopausal women. *Aging Clinical and Experimental Research* 2003 Feb; 15(1):12-8.
55. Ferrucci L, Penninx BWJH, Volpato S, Harris TB, Bandeen-Roche K, Balfour J, Leveille SG, Fried L, and the Women's Health and Aging Study Group. Change in muscle strength explains accelerated decline of physical function in older women with high interleukin-6 serum levels. *Journal of the American Geriatrics Society* 2002; 50(12):1947-54.
56. Leveille SG, Cohen-Mansfield J, Guralnik JM. The impact of chronic musculoskeletal pain on exercise attitudes, self-efficacy, and physical activity. *Journal of Aging and Physical Activity* 2003; 11:275-283.
57. Ostir GV, Cohen-Mansfield J, Leveille S, Volpato S, Guralnik JM. The association of positive and negative affect and exercise self-efficacy in older adults. *Journal of Aging and Physical Activity* 2003; 11:265-274.
58. Guralnik JM, Leveille S, Volpato S, Marx M, Cohen-Mansfield J. Targeting high risk older persons into exercise programs for disability prevention. *Journal of Aging and Physical Activity* 2003; 11:219-228.
59. Chang, M, Leveille, S, Cohen-Mansfield, J, Guralnik, JM. The Association of Physical Performance Level with Attitude Toward Exercise in Older Persons. *Journal of Aging and Physical Activity* 2003; 11:254-264.
60. Bean J, Leveille SG, Kiely D, Ferrucci L, Guralnik JM. A Comparison of leg power and leg strength within the InCHIANTI Study: Which influences mobility more? *Journal of Gerontology: Medical Sciences* 2003 Aug; 58(8):728-33.
61. Leveille SG. Musculoskeletal Aging (Review). *Current Opinion in Rheumatology* 2004; 16(2):114-8.
62. Leveille SG, Fried LP, McMullen W, Guralnik JM. Advancing the taxonomy of disability in older adults. *Journal of Gerontology: Medical Sciences* 2004; 59A:86-93.
63. Miller R, Zhang Y, Silliman RA, Kelley-Hayes M, Leveille S, Murabito J, Kiel D, O'Connor G, Felson DT. Impact of medical conditions on improvement in self-reported and observed functional performance amongst elders. *Journal of the American Geriatrics Society* 2004; 52(2):217-23.
64. Bean J, Herman S, Kiely DK, Frey I, Leveille SG, Fielding RA, Frontera W. Increased velocity exercise specific to task (InVest) training: A pilot study exploring effects on leg power, balance and mobility in community dwelling older women. *Journal of the American Geriatrics Society* 2004; 52:799-804.
65. Phelan EA, Williams B, Penninx, BWJH, LoGerfo JP, Leveille SG. ADL Function and disability in older adults in a randomized trial of the health enhancement program. *Journal of Gerontology: Medical Sciences* 2004; 59A:838-843.

Publications (Peer Reviewed) (cont.):

66. Chang M, Cohen-Mansfield J, Ferrucci L, Leveille S, Volpato S, de Rekeneire N, Guralnik JM. Incidence of loss of ability to walk 400 meters in a functionally limited older population. *Journal of the American Geriatrics Society* 2004; 52:2094-8.
67. Herman S, Kiely DK, Leveille S; O' Neill E; Cyberey S; Bean JF. Upper and lower limb muscle power relationships in mobility-limited older adults. *Journal of Gerontology: Medical Sciences* 2005;60:476-80.
68. Leveille SG, Zhang Y, McMullen W, Kelly-Hayes M, Felson D. Sex differences in musculoskeletal pain in older adults. *Pain* 2005; 116:332-38.
69. Leveille SG, Wee C, Iezzoni LI. Trends in obesity and arthritis among baby boomers and their predecessors, 1971-2002. *American Journal of Public Health* 2005; 95:1607-13.
70. Volpato S, Leveille SG, Blaum C, Fried LP, Guralnik JM. Risk factors for falls in older disabled women with diabetes. The Women's Health and Aging Study. *Journal of Gerontology Medical Sciences* 2005; 60:1539-45.
71. Ericksen JJ, Bean JF, Kiely DK, Hicks GE, Leveille SG. Does gynecological surgery contribute to low back problems in later life? An analysis of the Women's Health and Aging Study. *Archives of Physical Medicine Rehabilitation* 2006; 87:172-6.
72. Gray SL, LaCroix AZ, Hanlon JT, Penninx BWJH, Blough DK, Leveille SG, Artz MB, Guralnik JM, Buchner DM. Benzodiazepine use and physical disability in community dwelling older adults. *Journal of the American Geriatrics Society* 2006; 54:224-30.
73. Kuo HK, Bean JF, Yen CJ, Leveille SG. Linking C-reactive protein to late-life disability in the National Health and Nutrition Examination Survey (NHANES) 1999-2002. *Journal of Gerontology: Medical Sciences* 2006; 61(4):380-7.
74. Kuo HK, Leveille SG, Yen CJ, Chai HM, Chang CH, Yeh YC, Yu YH, Bean JF. Exploring how peak leg power and usual gait speed are linked to late-life disability: data from the National Health and Nutrition Examination Survey (NHANES) 1999-2002 *American Journal of Physical Medicine and Rehabilitation* 2006; 85:650-8.
75. Kuo HK, Leveille SG, Yu YH, Milberg WP. Cognitive function, habitual gait speed, and late-life disability in the National Health and Nutrition Examination Survey (NHANES) 1999-2002. *Gerontology* 2007; 53(2):102-10.
76. Leveille SG, Bean J, Ngo L, McMullen W, Guralnik JM. The pathway from musculoskeletal pain to mobility difficulty in older disabled women. *Pain* 2007; 128(1-2):69-77.
77. Kuo HK, Liao KC, Leveille SG, Bean JF, Yen CJ, Chen JH, Yu YH, Tai TY. Relationship of homocysteine levels to quadriceps strength, gait speed and late-life disability in older adults. *Journal of Gerontology: Medical Sciences* 2007; 62(4):434-9.
78. Bean JF, Bailey A, Kiely DK, Leveille SG. Do attitudes toward exercise vary with differences in mobility and disability status? - A study among low-income seniors. *Disability and Rehabilitation* 2007; 29(15):1215-20.

Publications (Peer Reviewed) (cont.):

79. Eamranond PP, Patel KV, Legedza AT, Marcantonio ER, Leveille SG. The association of language with prevalence of undiagnosed hypertension among older Mexican Americans. *Ethnicity and Disease* 2007; 17:699-706.
80. Allen MB, Iezzoni LI, Huang A, Huang L, Leveille SG. Improving patient-clinician communication about chronic conditions: description of an Internet-based nurse e-coach intervention. *Nursing Research* 2008; 57(2):107-12.
81. Leveille SG, Huang A, Tsai SB, Weingart SN, Iezzoni LI. Screening for chronic conditions using a patient internet portal: recruitment for an internet-based primary care intervention. *Journal of General Internal Medicine* 2008; 23(4):472-5.
82. Bean JF, Kiely DK, LaRose S, Leveille SG. Which impairments are most associated with high mobility performance in older adults? Implications for a rehabilitation prescription. *Archives of Physical Medicine and Rehabilitation* 2008; 89(12):2278-84.
83. Buettner C, Davis RB, Leveille SG, Mittleman MA, Mukamal KJ. Prevalence of musculoskeletal pain and statin use. *Journal of General Internal Medicine*. 2008; 23(8):1182-6.
84. Leveille SG, Kiel DP, Jones RN, Roman A, Hannan MT, Sorond FA, Kang HG, Samelson EJ, Gagnon M, Freeman M, Lipsitz LA. The MOBILIZE Boston Study: Design and methods of a prospective cohort study of novel risk factors for falls in an older population. *BMC Geriatrics* 2008; 8:16.
85. Samelson EJ, Kelsey JL, Kiel DP, Roman AM, Cupples LA, Freeman MB, Jones RN, Hannan MT, Leveille SG, Gagnon MM, Lipsitz LA. Issues in conducting epidemiologic research in elders: lessons from the MOBILIZE Boston Study. *American Journal of Epidemiology* 2008; 168(12):1444-51.
86. Schonberg MA, Leveille SG, Marcantonio ER. Preventive health care among older women: missed opportunities and poor targeting. *American Journal of Medicine* 2008; 121(11):974-81.
87. Leveille SG, Huang A, Tsai SB, Allen MB, Weingart SN, Iezzoni LI. Health coaching via an internet portal for primary care patients with chronic conditions: a randomized controlled trial. *Medical Care* 2009; 47:41-47.
88. Leveille SG. Musculoskeletal pain and risk for falls in older adults? *Journal of Pain Management* 2009; 1(4):329-338.
89. Eggermont LHP, Bean JF, Guralnik JM, Leveille SG. Comparing pain severity vs. pain location in the MOBILIZE Boston Study: Chronic pain and lower extremity function. *Journal of Gerontology: Medical Sciences* 2009;64:763-70.
90. Eggermont LHP, Milberg WP, Lipsitz LA, Scherder EJA, Leveille SG. Physical activity and executive function in aging: The MOBILIZE Boston Study. *Journal of the American Geriatrics Society* 2009; 57:1750-6.

Publications (Peer Reviewed) (cont.):

91. Leveille SG, Jones RN, Kiely DK, Hausdorff JM, Shmerling RH, Guralnik JM, Kiel DP, Lipsitz LA, Bean JF. Chronic musculoskeletal pain and the occurrence of falls in an older population. *Journal of the American Medical Association* 2009; 302:2214-2221.
92. Suri P, Kiely DK, Leveille SG, Frontera WR, Bean JF. Trunk muscle attributes are associated with balance and mobility in older adults: a pilot study. *Physical Medicine and Rehabilitation* 2009; 1(10):916-24.
93. Eamranond PP, Wee CC, Legedza AT, Marcantonio ER, Leveille SG. Acculturation and cardiovascular risk factor control among Hispanic adults in the United States. *Public Health Reports* 2009; 124(6):818-24.
94. Eggermont LH, Shmerling RH, Leveille SG. Tender point count, pain, and mobility in the older population: The MOBILIZE Boston Study. *Journal of Pain* 2010; 11(1):62-70.
95. Hannan MT, Gagnon MM, Aneja J, Jones RN, Cupples LA, Lipsitz LA, Samelson EJ, Leveille SG, Kiel DP. Optimizing the tracking of falls in studies of older participants: quarterly telephone recall compared to monthly falls calendars in the MOBILIZE Boston Study. *American Journal of Epidemiology* 2010; 171(9):1031-6.
96. Delbanco T, Walker J, Darer JD, Elmore JG, Feldman HJ, Leveille SG, Ralston JD, Ross SE, Vodicka E, Weber VD. Open notes: doctors and patients signing on. *Annals of Internal Medicine* 2010; 153(2):121-5.
97. Bean JF, Kiely DK, LaRose S, Goldstein R, Frontera WR, Leveille SG. Are changes in leg power responsible for clinically meaningful improvements in mobility in older adults? *Journal of the American Geriatrics Society* 2010; 58(12):2363-8.
98. Wee CC, Huskey KW, Ngo L, Fowler-Brown A, Leveille SG, Mittlemen MA, McCarthy EP. Obesity, race, and the risk of mortality and functional decline among Medicare beneficiaries 65 years and older in the United States. *Annals of Internal Medicine* 2011; 154(10):645-55.
99. Suri P, Kiely DK, Leveille SG, Frontera WR, Bean JF. Increased trunk extension endurance is associated with meaningful improvement in balance among older adults with mobility problems. *Archives of Physical Medicine and Rehabilitation*. 2011; 92(7):1038-43.
100. Chen Q, Hayman LL, Shmerling RH, Bean JF, Leveille SG. Characteristics of chronic pain associated with sleep difficulty in the older population: The MOBILIZE Boston Study. *Journal of the American Geriatrics Society* 2011; 59(8):1385-92.
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Book Chapters:

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2. Leveille SG, Wee CC, Iezzoni LI. Are Baby Boomers Aging Better Than Their Predecessors? Trends in Overweight, Arthritis, and Mobility Difficulty. In: Health in Older Ages: The Causes and Consequences of Declining Disability among the Elderly. National Bureau of Economics Research. Fall, 2007.
3. Iezzoni LI, Soukup JR, Leveille SG. How do Medicare Beneficiaries with Physical and Sensory Disabilities Feel about Their Health Care? In: Health in Older Ages: The Causes and Consequences of Declining Disability among the Elderly. National Bureau of Economics Research. Fall, 2007.
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5. Yang F, Leveille SG. Physical function, morbidity, and mortality. Women and Health, 2nd Edition. Goldman MB, Rexrode KM, Troisi R. Eds. 2012, San Diego: Elsevier.
6. Leveille SG. Geriatric Health, Section Introduction. Women and Health, 2nd Edition. Goldman MB, Rexrode KM, Troisi R. Eds. 2012, San Diego: Elsevier.
7. Leveille SG, Thapa S. Disability among Persons Aging with HIV/AIDS. In: HIV and Aging. Brennan-Eng M, DeMarco R. Eds. Series: Interdisciplinary Topics in Gerontology and Geriatrics. 2016, Basel, Switzerland: S. Karger AG.

Letters to the Editor:

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2. Ferrucci L, Guralnik JM, Penninx BWJH, Leveille SG. Cigarette smoke and hearing loss. Journal of the American Medical Association 1998; 280:963-4.
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5. Leveille SG, Kiely DK, Kiel DP. Chronic pain and risk of falls in older adults – author reply. JAMA. 2010; 303(12):1148-9.

Abstracts and Presentations:

Maternal and infant outcomes associated with neonatal drug withdrawal syndrome. (Poster) The First Annual Washington State Health Data Users Conference, November 7-8, 1991; Olympia.

A randomized controlled health promotion trial to prevent falls and disabilities in older adults. (Abstract) Annual Meeting of the Society for Epidemiological Research, June 10-12, 1992, Minneapolis.

Psychoactive medications and injurious motor vehicle collisions involving older drivers. (Abstract) Annual Meeting of The American Public Health Association, October 24-28, 1993, San Francisco.

Does walking decrease the risk for cardiovascular disease hospitalizations and all-cause mortality in older adults? (Poster) Annual Meeting of the Gerontological Society of America, November 19-23, 1993, New Orleans.

Walking and the prevention of functional decline in older adults. (Abstract) Annual Meeting of the Gerontological Society of America, November 18-22, 1994, Atlanta.

Dietary Antioxidants and Bone Mineral Density in Postmenopausal Women. (Poster) Annual Meeting of the American Society for Bone and Mineral Research, September 9-13, 1995, Baltimore.

Innovations in disability prevention with frail older adults: Partnerships between managed care and a neighborhood senior center. (Poster) Annual Meeting of the American Geriatrics Society, May 8-11, 1997, Atlanta.

Aging successfully until death in old age: Opportunities for increasing active life expectancy. (Abstract) Gerontological Society of America, November 14-18, 1997, Cincinnati.

Back pain and disability in older women. (Abstract) Gerontological Society of America, November 20-24, 1998, Philadelphia.

Sex differences in disability prevalence in old age: The effects of incidence, recovery, and mortality. (Abstract) Gerontological Society of America, November 20-24, 1998, Philadelphia.

Risk factors for infections involving hospitalizations in older women. (Poster) Society for Epidemiologic Research, June 10-12, 1998, Baltimore.

Widespread pain as a cause of severe disability in older women. (Abstract) Gerontological Society of America, November 19-23, 1999, San Francisco.

The Pathway from Widespread Pain to Disability: An Effect Independent of Functional Limitations. (Abstract) Gerontological Society of America, Nov. 17-21, 2000, Washington, D.C.

Chronic Musculoskeletal Pain and Risk for Falls in Older Disabled Women. (Abstract) World Congress of Gerontology, July 1-6, 2001, Vancouver, B.C. Pub Med Central: PMC29278555

Disabling symptoms: What do older women report? (Abstract) Gerontological Society of America, November 18-22, 2002, Boston, MA.

Pain-related Disability among Older Women: Findings from the Women's Health and Aging Study. (Abstract) American Geriatrics Society, May 14-17, 2003, Baltimore, MD.

Musculoskeletal pain in older women and men in the Framingham Study. (Abstract) Gerontological Society of America, November 20-25, 2003, San Diego.

Leveille SG. Risks for disability among seniors living in low income housing. (Poster) Older American

Independence Centers Annual Meeting, April 26-27, 2004, Harvard Medical School, Boston.

Leveille SG, Bean J, McMullen W, Guralnik J. (Abstract) Exploring the pathway from musculoskeletal pain to mobility difficulty in older women. American Geriatrics Society, May, 2005; Orlando, FL.; Pub Med Central: PMC2555988

Leveille SG. Targeting elderly low income housing residents for health promotion and disability prevention interventions. American Geriatrics Society, May, 2006; Chicago, IL.

Leveille SG, Fowler-Brown A, Wee CC. The impact of obesity and age on the prevalence of pain in the US Population, 1999-2002. NAASO. The Obesity Society, October, 2006; Boston.

Leveille SG, Fowler-Brown A, Huang A, Wee CC. Demographic differences in the relationship between obesity and chronic musculoskeletal pain in the US Population NHANES 1999-2004. American Pain Society, May, 2007; Washington D.C.

Leveille SG, Hannan MT, Kiel DP, Jones RN, Priplata AA, Gagnon M, Freeman M, Roman A, Samelson EJ, Lipsitz LA. Pursuing the next frontier in risk factors for falls in the older population: The MOBILIZE Boston Study. The Gerontological Society of America, November 16-20, 2007, San Francisco, CA

Leveille SG, Bean JF, Shmerling RH, Jones RN, Audette J. Non-pharmacologic pain management and attitudes about pain management in a population-based cohort of older adults: The MOBILIZE Boston Study. The Gerontological Society of America, November 16-20, 2007, San Francisco, CA.

Leveille SG, Bean JF, Shmerling RH, Jones RN, Audette J, Guralnik J, Kiel D. Chronic pain characteristics associated with risk factors for falls in the older population. The Gerontological Society of America, November 21-25, 2008, Washington, DC.

Leveille SG, Bean JF, Shmerling RH, Jones RN, Audette J. Measuring pain in older adults: New considerations about the Fifth Vital Sign. American Pain Society, May 7, 2009, San Diego, CA.

Leveille SG, Jones RN, Kiely DK, Shmerling RH, Hausdorff JM, Guralnik JM, Lipsitz LA, Bean JF. Chronic musculoskeletal pain and the incidence of falls in an older population: The MOBILIZE Boston Study. The Gerontological Society of America, November 21, 2009, Atlanta, GA. PubMed Central: PMC2927855

Leveille SG, Jones RN, Kiely DK, Shmerling RH, Guralnik JM, Lipsitz LA, Kiel DP, Bean JF. Hand and knee osteoarthritis, chronic joint pain and the occurrence of falls in an older population: The MOBILIZE Boston Study. American Pain Society, May 7, 2010, Baltimore, MD.

Chen Q, Hayman L, Shmerling RH, Bean JF, Leveille SG (presenter). Chronic musculoskeletal pain and sleep problems in the older population. The Gerontological Society of America, November 20, 2010, New Orleans, LA.

Leveille SG, Kiely DK, Jones RN, Shmerling RH, Guralnik JM, Bean JF. Chronic musculoskeletal pain contributes to onset or worsening of disability in an older population: The MOBILIZE Boston Study. Gerontological Society of America, November 21, 2010, New Orleans, LA.

Leveille SG, Shi L, Jones RN, Hausdorff JM, Shmerling RH, Guralnik JM, Bean JF. Are women more at risk for falls related to chronic musculoskeletal pain than men? Findings from The MOBILIZE Boston Study. (Poster) The Gerontological Society of America, November 15, 2012, San Diego, CA.

Leveille SG, Kiely DK, Jones RN, Gagnon M, Milberg W. Measuring attention in very old adults using Test of Everyday Attention. (Poster) Gerontological Society of America, November 20-24, 2013, New Orleans, LA.

Leveille, SG, Shi L, Eggermont L, Milberg W. Chronic Pain and Cognitive Function in an Older Population. (Abstract) Gerontological Society of America, November 20-24, 2013, New Orleans, LA.

Nawai A (student), Leveille SG, Shi L, Shmerling RH, Bean JF. Pain Characteristics and Anxiety in Older Adults: the MOBILIZE Boston Study. (Poster) Gerontological Society of America, November 18-21, 2015, Orlando, FL.

Thapa S (student), Leveille SG, Shmerling RH, Shi L, Bean JF. Multisite pain: An overlooked geriatric syndrome? (Poster) Gerontological Society of America, November 18-21, 2015, Orlando, FL.

Leveille SG, Quill A, Shi L, Habtemariam D, Milberg W, Hausdorff J, Grande L, Gagnon M, McLean R, Manor B, Bean JF. Does Chronic Musculoskeletal Pain Pose Attentional Challenges for Older Adults? (Abstract) Gerontological Society of America, November 18-21, 2015, Orlando, FL.

Invited Lectures:

Aging successfully until death in old age: The Influence of Physical Activity. (Symposium) World Congress on Physical Activity, Aging, and Sports. August 10-14, 1999, Orlando.

Low back pain and disability in older women. (Lecture) National Health and Nutrition Examination Work Group, National Center for Health Statistics, Centers for Disease Control and Prevention, October 6, 1999, Hyattsville.

Morbidity, Disability, and Mortality in Older Women (Symposium). American Public Health Association, November 7-11, 1999, Chicago.

Patterns and trajectories of recovery from mobility disability. (Symposium) Gerontological Society of America, November 19-23, 1999, San Francisco.

The Health Enhancement Project: Preventing disability and managing chronic illness in frail older adults (Workshop). 1st International Conference on Rural Aging, June 7-11, 2000, Charleston, West Virginia.

Preventing Disability and Managing Chronic Illness in Frail Older Adults (Seminar). J. Paul Sticht Center on Aging, Wake Forest University Medical Center, September 6, 2000, Winston-Salem, NC.

Widespread Pain and Disability in Older Women, Framingham Heart Study, National Heart, Lung, and Blood Institute, October 4, 2000, Framingham, MA.

Chronic Pain as a Cause of Disability in Older Adults, Division of Rheumatology, Brigham and Women's Hospital, October 16, 2001, Boston, MA.

Chronic Musculoskeletal Pain and Disability in Older Women, Geriatric Grand Rounds, Beth Israel Deaconess Medical Center, January 15, 2002, Boston, MA.

Serious Consequences of Musculoskeletal Pain in Older Women, Primary Care Division, Beth Israel

Deaconess Medical Center, May 14, 2003, Boston, MA.

Musculoskeletal pain in the elderly and disability: the epidemiologic perspective, Department of Physical Medicine and Rehabilitation, Harvard Medical School, June 3, 2003, Boston, MA.

Serious Consequences of Musculoskeletal Pain in Older Women, Grand Rounds, Primary Care Division, Beth Israel Deaconess Medical Center, March 12, 2004, Boston, MA.

Health Risks and Health Promotion in Older Adults. "Graying Gracefully" Conference, American Association on Mental Retardation. April 26, 2006 Shrewsbury, MA

Serious Consequences of Musculoskeletal Pain in Older Women, Pain Conference, Arnold Pain Center, Beth Israel Deaconess Medical Center, September 5, 2006, Boston, MA.

Uncovering Opportunities for Disability Prevention in Older Women, Harvard Medical School

Center for Excellence in Women's Health, 7th Annual Research Conference, "Healthy Aging: Current Research Affecting Women", November 2, 2006, Boston, MA.

Functional Consequences of Musculoskeletal Pain in Older Populations, Faculty Seminar, Institute for Clinical Research and Health Policy Studies, Tufts-New England Medical Center, August 14, 2007, Boston, MA.

Chronic Pain as a Cause of Falls in Older Populations, Symposium, The British Pain Society, Older Adults Spec. Interest Group, University of Teesside, Jan. 23, 2008, Stockton-On-Tees, UK

Functional Consequences of Chronic Musculoskeletal Pain in Older Adults, NIH Workshop on Pain in the Elderly, June 30, 2008, Bethesda, MD.

Opportunities in Aging Research: Studies of Pain, Disability and Falls in Older Populations. Spaulding Rehabilitation Hospital, October 21, 2008, Boston, MA.

Functional Consequences of Chronic Musculoskeletal Pain in Older Adults, American Pain Society, May 7, 2009, San Diego, CA.

Functional Consequences of Chronic Musculoskeletal Pain in Older Adults. Spaulding Rehabilitation Hospital, Grand Rounds, January 14, 2011, Boston, MA.

Chronic Musculoskeletal Pain in Older Adults: Prevalent, Burdensome, and Leads to Falls. Beth Israel Deaconess Medical Center, Geriatric Grand Rounds, May 3, 2011, Boston, MA.

OpenNotes: Doctors and Patients Signing On. Research conference, Institute for Health Policy, Massachusetts General Hospital. October 14, 2011, Boston, MA.

Keynote Address: Using Population Data to Improve Individualized Nursing Care of Older Adults. 26th Annual Research and Scholarship Day, College of Nursing and Health Sciences, University of Massachusetts Boston, May 10, 2012, Boston, MA.

Symposium presentation: Chronic musculoskeletal pain contributes to mobility decline and disability in an older population: The MOBILIZE Boston Study. Leveille SG, Eggermont LHP,

Kiely DK, Jones RN, Shmerling RH, Guralnik JM, Bean JF. World Congress on Active Aging, Glasgow, Scotland, UK. August 17, 2012

Panelist, Careers in Aging Panel Presentation, Gamma Upsilon, local chapter of Sigma Phi Omega's national academic honor society in Gerontology sponsored by the Department of Gerontology, Gerontology Institute, John W. McCormack Graduate School of Policy and Global Studies, UMass Boston, Boston, April 8, 2013.

Keynote Address: Chronic Musculoskeletal Pain and Risk for Falls in Older Adults. Kent Community Health Trust Falls Prevention Conference, National Health Service Trust, Headcorn, England, UK, June 12, 2013.

Research Panel Presentation: Chronic Musculoskeletal Pain and Risk for Falls in Older Adults. Massachusetts Gerontological Association, Fall Policy Forum, Newton, MA, October 11, 2013.

OpenNotes: Toward a New Standard of Care, Plenary Session, American Organization of Nurse Executives, Annual Conference, Orlando, FL, March 13, 2014

Weill Cornell Medical College, Translational Research Institute on Pain in Later Life, Webinar Series: The Problem & Consequences of Multisite Pain in Older Adults, April 28, 2014

Seminar: Pain in Aging: Less about the Causes, More about the Consequences. Women's Health Center of Excellence, Family and Preventive Medicine, University of California, San Diego, January 28, 2015

Funded Research (Completed)

9/1/01-8/30/02 Principal Investigator, "Evaluation of the Senior Health Education and Access Project". Funded by the Charles Farnsworth Trust of the Medical Foundation. The project aims were to evaluate a senior center's assessment and referral program (SHEA) and to develop an empowerment-based health promotion program for frail seniors living in the community.

7/1/01-6/30/02 Principal Investigator, "Epidemiologic Analyses to Examine the Impact of Pain and Other Symptoms on Physical Functioning in Older Women with Disabilities in the Women's Health and Aging Study". NIA Professional Services Contract. Data analysis project was a collaboration with investigators at the National Institute on Aging and Johns Hopkins University.

9/30/01-6/30/02 Principal Investigator, Pilot Project for Harvard Medical School Older Americans Independence Center: "Risks for disability among seniors living in low income housing." In-home interviews approximately 100 of persons aged 70 and older living in Boston Housing Authority residences for seniors.

7/04-6/05 Principal Investigator, Pilot Project, Harvard Older Americans Independence Center, National Institute on Aging. "Health Coaching to Prevent Disability among Residents of Low Income Senior Housing." The goals of the project were to evaluate a modification of the Health Enhancement Program (HEP), a health promotion and disease self-management program, for residents of low-income senior housing in Boston. In collaboration with Massachusetts General Hospital, persons aged 70 and older were followed for 6 months.

Funded Research (Completed) (cont.):

9/02-8/07 Arthritis Investigator Award, Arthritis Foundation

Study of Pain-related Disability in Older Populations. Career award to fund secondary analyses of the Framingham Study and Women's Health and Aging Study datasets. The goal of the project was to describe the prevalence and course of pain-related disability in older populations. The research involved collaborations with Boston Univ., National Institute on Aging, Johns Hopkins University, and Univ. Maryland Med. School.

9/04-12/07 Co-principal Investigator, Robert Wood Johnson Foundation Health E-Technologies Initiative Grant: Improving Chronic Disease Care with PatientSite

This randomized controlled trial investigated use of online health coaching by clinical nurses to promote patient-provider communication regarding chronic undertreated conditions. The study was conducted entirely through Beth Israel Deaconess Medical Center's internet patient-doctor portal. We screened 4000 primary care patients with upcoming visits, for 3 target conditions using a brief online screen for depressive symptoms, pain, and mobility difficulty.

10/08-3/09 Co-investigator, Robert Wood Johnson Foundation, Planning Grant to Study Open Notes. This was a 6-month planning grant to develop and pilot test plans to examine the implementation of accessible physician progress notes, available to patient through the patient internet portal of 3 large health care systems, BIDMC, Geisinger Health System, PA, and University of Colorado Medical Center, Denver.

11/06-10/09 Co-investigator, NIA, Caregiver-based Intervention for Persistent Delirium

This was a pilot study of a caregiver-based intervention for delirium (CIPD) that enrolled 12 patient-caregiver dyads. Hospitalized patients aged 70 or older with persistent delirium were recruited at Beth Israel Deaconess Medical Center. For CIPD dyads, a gerontological nurse practitioner serving as a health coach engages caregivers in developing a plan for delirium management to promote cognitive and functional recovery. The pilot study is determining feasibility of a health coaching intervention for caregivers for planning a future large randomized controlled trial.

9/04-6/10 Principal Investigator, Project within National Institute on Aging

Project on Pain and Falls, Research Nursing Home Program Project, MOBILIZE Boston Study I

This was one of 3 projects of the Harvard/Hebrew Rehabilitation Center Research Nursing Home Program Project; the primary aims was to determine whether chronic pain was a risk factor for falls in a longitudinal population-based cohort of Boston area elders living in the community.

6/2010-3/2011 Co-investigator, NHLBI (SBIR), An Enhanced Medication Monitoring Program. This was a pilot study, a randomized controlled trial to test the effectiveness of a medication reminder system for older adults receiving treatment for hypertension. The 9-month trial enrolled elders and randomized them to the control group or to the intervention involving use of a medication reminder box, designed similarly to the common 7-day pillbox, with a remotely controlled system of reminders. The recruitment conducted by the VNAB faced severe challenges and the PI terminated the study early.

04/08-03/13 Co-investigator, NIA (R01), Neighborhood Risk Factors for Falls in the Elderly. This study was an ancillary study of the MOBILIZE Boston Study and examined the role of the neighborhood environment as a contributor to falls in older adults. It provided information that is directly relevant to design of potential community-based environmental interventions that modify or improve the living environment for an aging society, and may suggest ways to reduce medical costs related to falls.

Funded Research (Completed) (cont.):

1/09-12/14 Co-investigator, NIA (R01), Developing Rehabilitative Strategies for Disability Prevention in

Primary Care. This was a longitudinal study of primary care patients aged 65 and older with mobility limitations. The aim of the 24-month follow-up study was to determine the relative priority of classes of physical impairments in risk for mobility decline, and to propose a new strategy of therapeutic interventions to reduce risk. The project was based at Spaulding Rehabilitation Hospital Outpatient Service and conducted in collaboration with Boston University, Massachusetts General Hospital, and the Beth Israel Deaconess Medical Center.

7/12-6/14 Co-Investigator, NIA (R21), The Relationship Between Obesity and Falling in Older Adults. This study examines how obesity impacts the risk of falling and fall related injuries in older adults. The study involves a series of systematic investigations of adults, aged 65 years and older to: 1) examine whether obesity is prospectively associated with risk of falling in older adults; 2) examine factors that may mediate this relationship; and 3) examine whether weight status is associated with the health care costs incurred related to a non-fatal fall event. Analyses involve nationally-representative, prospective data from the Health and Retirement Study (HRS) (approximate N=11,000) and the Medical Expenditure Panel Survey (MEPS).

Funded Research (Current)

5/14-4/17 Co-Principal Investigator, NIA (R21), Effects of Tai Chi on Multisite Pain and Brain Functions in Older Adults. This pilot study will test the feasibility and acceptability of a 12-week Tai Chi intervention in older adults who have chronic pain and a history of falls. In addition the study will determine effects of the intervention on pain, attention, gait/mobility and biomarkers in this randomized controlled trial, involving 60 older adults.

10/15-10/18 Co-investigator, Research Director, Open Notes: Demonstrating and Evaluating Transparency in Primary Care, funded by the Robert Wood Johnson Foundation
This project began as a demonstration project to share physicians' progress notes with patients through access to the electronic health record via patient internet portals of 3 US health care systems. The project, based at the Beth Israel Deaconess Medical Center, was recently renewed to begin a major dissemination phase. It involves the continuing evaluation of the impact of open notes on the patient-provider relationship, patient empowerment and patient satisfaction with care. To date, the intervention has been well-received and successful, and is now being implemented and evaluated in a number of new venues across the U.S.

7/11-6/17 Principal Investigator, NIA (R01), Attentional Demands of Chronic Pain and Risk for Falls in Older Adults. This study examines the hypothesis that chronic pain is a potential distractor and thereby puts older adults at risk for falls. We are examining the relationship between chronic pain and attention measures and dual task gait performance in the third assessment of the MOBILIZE Boston cohort, a population-based cohort of 500+ adults now aged 76 or older, living in the community in and around Boston. Following the extensive health and physical assessment, which took place in the research clinic at Hebrew SeniorLife in Boston, participants submit monthly fall calendar postcards to report falls in the subsequent 2 years. The research study is collaboration between UMass Boston, Hebrew SeniorLife, and several experienced researchers at Harvard-affiliated institutions and also in Tel Aviv, Israel.

Committee and Board Participation

2001-2005 Reviewer for Charles Farnsworth Trust of The Medical Foundation.
2001-2010 Reviewer (ad hoc) NIH Study Section for the Musculoskeletal Rehabilitation Sciences.
2003-2008 Member, Board of Directors, Boston Partnership for Older Adults (BPOA). Founding

Committee and Board Participation (cont.):

member of RWJF-funded community-wide coalition to improve community-based

- long term care services for elders in Boston through coordination and planning. The RWJF grant and the operations of the Board concluded in May, 2008.
- 2004- Reviewer for the Swiss National Science Foundation
- 2004- Reviewer for the Research Grants Council of Hong Kong
- 2006- Reviewer for Action Medical Research, West Sussex, United Kingdom
- 2008- Education Committee, International Association for the Study of Pain
- 2009- Centers for Disease Control and Prevention, Special Emphasis Panel: Health Promotion and Disease Prevention Research Centers
- 2009- Reviewer for the Medical Research Council, United Kingdom
- 2009- Commissioner, Commission for Persons with Disabilities, City of Boston
- 2010- Reviewer, Dutch Arthritis Foundation
- 2010-2012 Reviewer for University of Massachusetts Boston, Healy Grants Program
- 2012- Reviewer, Health Research Board of Ireland, Interdisciplinary Capacity Enhancement (ICE) Awards 2012
- 2013- Reviewer, Arthritis Research UK
- 2013-2016 American Statistical Association, Committee on Statistics and Disability
- 2014-2015 Reviewer (mail only) NIH Aging Systems and Geriatrics Study Section
- 2014 Reviewer, NIH Special Emphasis Panel, Aging: Inflammation and Functional Mobility
- 2015- Doctoral Opponent for Ms. Johanna Eronen, Dissertation Review, University of Jyväskylä, Faculty of Sport and Health Sciences, Jyväskylä, Finland, March 13, 2015

Reviewer for Professional Journals

Journal of the American Medical Association
Annals of Internal Medicine
Epidemiology
Journal of the American Geriatrics Society
Journal of Aging and Physical Activity
Journal of Clinical Epidemiology
American Journal of Public Health
American Journal of Epidemiology
Archives of Physical Medicine and Rehabilitation
Arthritis Care and Research
The Gerontologist
Journals of Gerontology: Medical Sciences
Journals of Gerontology: Social Sciences
Journal of General Internal Medicine
Pain
Journal of Pain
Journal of Rheumatology
Journal of Clinical Rheumatology
Physical Therapy
European Journal of Pain
Research on Aging
Research in Gerontological Nursing
Rheumatology

Editorial Boards:

- 2003- Member, XX vs. YY, The International Journal of Sex Differences in the Study of Health,

- Disease, and Aging.
- 2006-2009 Member, Rheumatology, Faculty of 1000 Medicine. BMC Online Review Journal
- 2007- Member, Journal of Pain Management (UK-based journal)
- 2010-2012 Aging Section Editor, Women and Health 2nd Edition, Goldman MB, Rexrode KM, Troisi R. Eds. 2012, San Diego: Elsevier.
- 2012- Member, Research on Aging
- 2014- Member, British Journal of Pain