

## **CURRICULUM VITAE**

Jane A. Cauley, DrPH

**BIRTHPLACE:** Pittsburgh, Pennsylvania

**CITIZENSHIP:** United States of America

**BUSINESS ADDRESS:** University of Pittsburgh  
130 DeSoto Street, A510  
Pittsburgh, PA 15261

**HOME ADDRESS:** 4700 Ellsworth Avenue, Unit #15  
Pittsburgh, PA 15241

**TELEPHONE:** Home: (412) 918-1414  
Cell: (412) 897-8126  
Office: (412) 624-0218  
Fax: (412) 624-7397

**EMAIL:** [jcauley@edc.pitt.edu](mailto:jcauley@edc.pitt.edu)

**ORCID:** <http://orcid.org/0000-0003-0752-4408>

### **EDUCATION AND TRAINING**

#### **Undergraduate**

1975	Boston College, Chestnut Hill, MA	B.S. Nursing (Cum Laude)	Nursing
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#### **Graduate**

1980	University of Pittsburgh, Pittsburgh, PA	MPH	Epidemiology, Public Health Nursing
1983	University of Pittsburgh, Pittsburgh, PA	DrPH	Epidemiology

#### **Post Graduate**

1984-86	University of Pittsburgh, Pittsburgh, PA	Postdoctoral Fellow, Individual National Research Service Award	Epidemiology
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### **APPOINTMENTS AND POSITIONS**

#### **Academic**

1986-93	Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA	Assistant Professor
1993-02	Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA	Associate Professor
1995	Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA	Tenure Awarded
1995-06	Director, Epidemiology of Aging Training Program	

2002-present	Secondary appointment, University of Pittsburgh, School of Nursing, Pittsburgh, PA	Professor
2003-present	Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA	Professor
2006-2015	Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA	Vice Chair for Research
2006-present	Center for Aging and Population Health (CAPH)	Co-Director
2015-present	Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA	Associate Dean for Research
2015-present	S Shan Ratnam Professorship in the Dept of Obstetrics & Gynaecology, National University of Singapore.	Visiting Professor
<b>Non-Academic</b>		
1975-77	Georgetown University Hospital, Washington, DC	Staff Nurse
1977-78	Home Health Services, Inc, Washington, DC	Visiting Nurse (Home Health)

**CERTIFICATION AND LICENSURE**  
**Medical or Other Professional Licensure**

Registered Nurse	Department of Health Licensing	Pennsylvania
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**MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES**

1980 - present	Society for Epidemiological Research
1988 - present	American Society for Bone and Mineral Research
1990 - present	American Geriatrics Society
1990	American Public Health Association
1992 - present	Gerontological Society of America
1996 - present	American Epidemiology Society
2001	American College of Epidemiology, Fellow
2006 - present	Endocrine Society
2013 - present	Association of Schools and Programs of Public Health,
2014	American Association for Cancer Research

**MEMBERSHIP IN MULTICENTER STUDY COMMITTEES**

***Study of Osteoporotic Fractures (SOF)***

1986-present	Steering Committee	Member
1986-present	Ancillary Studies Committee	Member
1986-present	Publication Committee	Member

***Fracture Intervention Trial (FIT)***

1991-1996	Executive Committee	Member
1991-1996	Steering Committee	Member
1991-1996	Publication Committee	Member
1991-1996	Ancillary Studies Committee	Member

***Heart and Estrogen/Progestin Replacement Study (HERS)***

1992-1998	Steering Committee	Member
1992-1998	Recruitment Committee	Member

***Study of Women's Health Across the Nation (SWAN)***

1994-2002	New Studies Committee	Chair
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2000-2010	Repository Committee	Member
<b><i>Women's Health Initiative (WHI)</i></b>		
1995-2005	Calcium, Vitamin D & Osteoporosis Committee	Chair
1995-2005	Adherence and Retention Committee	Member
<b><i>Health Aging and Body Composition (Health ABC)</i></b>		
1996-2006	DXA working group	Chair
1996-2004	Scientific Advisory Board	National Osteoporosis Foundation
1998-01	University of Pittsburgh, Multipurpose Arthritis Institute	Executive Committee
<b><i>Fractures in Older Men (MrOS)</i></b>		
2000-present	Steering Committee	Member
2000-present	Publication Committee	Member
<b><i>Novartis Zoledronic Acid Trials (HORIZON)</i></b>		
2002-2013	Steering Committee	Member
<b><i>Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE )</i></b>		
2008 - present	Consortium	Member
<b><i>National Children's Study (NCS)</i></b>		
2008-2010	Executive Steering Committee	Member
2009-2011	Northeastern Committee	Chair
2012-2014	Publications Committee	Member
<b><i>The Testosterone Trial (T-Trial)</i></b>		
2009-present	Steering Committee	Member
2009-2014	Recruitment/Retention Committee	Chair
2011-present	Publication Committee	Member
2012-present	Bone Committee	Member
<b><i>ENabling Reduction of low-Grade Inflammation in Seniors (ENRGISE)</i></b>		
2015-present	ENRGISE Emerging Science Committee	Member
2015-present	ENRGISE Recruitment and Retention Committee	Chair
2015-present	ENRGISE Steering Committee	Member
2015	ENRGISE Policy and Publications Committee	Member

### **LEADERSHIP IN PROFESSIONAL SOCIETIES**

#### ***American Public Health Association (APHA)***

1993-96      Governing Council, Epidemiology Section

#### ***American Society for Bone & Mineral Research (ASBMR)***

1999-02      Advocacy Committee & Bone Coalition Evaluation Committee Council

2003-06      Governing Council

2006-08      Task Force on Osteonecrosis of the Jaw

2007-08      Task Force on Industry Interactions

2007          Nominating Committee

2008-11      Ethics Advisory Committee

2010          Cures Acceleration Network

2012          Working Group on Skeletal Aging

2012-14      Mentored Career Development Award Committee

2015-present      President-Elect

2015-present      Program Committee

2015-present Executive Committee  
 2015-present Strategic Plan Team  
 2016-present Foundation for the National Institutes of Health (FNIH) Bone Quality Project (Scientific Rep)

***American College of Epidemiology***

2011-14 Board of Directors  
 2012-13 Awards Committee  
 2015-18 Ethics Committee

***Endocrine Society***

2007- 13 Performance Measures Subcommittee  
 2010- 13 Diagnosis, Treatment, and Follow-up of Men with Androgen Deficiency  
 2012- 13 Disparities in Endocrine Diseases: Biological Clinical Differences  
 2014-2015 Clinical Practice Guidelines Task Force for the Treatment of Osteoporosis in Women

***American Society for Clinical Oncology***

2003 Task Force: Use of Bisphosphonates in Women with Breast Cancer

**MEMBERSHIP IN DATA SAFETY MONITORING BOARDS**

1998-1999 Trials of parathyroid hormone for osteoporosis, Eli Lilly and Co.  
 2012-2016 Anorexia, bone marrow fat and estrogen, NIAMS DSMB (Catherine Gordon)

**OTHER PROFESSIONAL ACTIVITES**

1999 NIAMS, Long Range Planning Panel  
 2002-2003 US Surgeon General’s Report on Osteoporosis, Panel Member and Writing Group  
 2005-2014 Howard University - Johns Hopkins NCI Partnership, Steering Committee  
 2006-2009 Osteoporosis International, Editorial Board  
 2008-2015 Clinical Epidemiology & Risk Management, Editorial Board  
 2010-2011 International Society for Clinical Densitometry/International Osteoporosis Foundation, FRAX International Task Force, Chair  
 2010-present College of CSR Reviewers, NIH, Member  
 2012-2013 Western Psychiatric Institute and Clinic, K grant Committee, member  
 2015-2016 National Osteoporosis Foundation Editor-in-Chief Search Committee, member

**SERVICE (PROFESSIONALLY RELATED)**

1993-present	Epidemiology of Aging Training Grant	University of Pittsburgh, Graduate School of Public Health	Executive Committee
1999-2002	Grant Review	WPA Arthritis Foundation	Member
2000-2004	Faculty Advancement Promotion and Tenure Committee	University of Pittsburgh, Graduate School of Public Health	Member
2000-present	Pittsburgh Cancer Institute	University of Pittsburgh	Member
2000-present	Council on Aging	University of Pittsburgh	Member

2001	Porter Prize Committee	University of Pittsburgh	Member
2004-2005	Claude D Pepper Center Research	University of Pittsburgh, School of Medicine	Executive Committee
2005-2007	Faculty Senate Executive Committee	University of Pittsburgh, Graduate School of Public Health	President
2006-2007	Search Committee for Epidemiology Data Center-Director	University of Pittsburgh, Graduate School of Public Health, Dept of Epidemiology	Chair
2006-2010	Cancer Epidemiology and Prevention Program	University of Pittsburgh Cancer Institute	Executive Committee
2006-2011	GRECC Advisory Committee	VA Hospital of Pittsburgh	Executive Committee
2007-2012	Reproductive, Perinatal, and Pediatric Epidemiology T32 Grant Reviews	University of Pittsburgh, Graduate School of Public Health	Member
2006-2015	Epidemiology Dept Small Grants Committee	University of Pittsburgh, Graduate School of Public Health, Dept of Epidemiology	Chair
2008-2013	Associate Full Professor Search Committee	University of Pittsburgh, Graduate School of Public Health, Dept of Epidemiology	Chair
2010-2013	Assistant Professor Search Committee	University of Pittsburgh, Graduate School of Public Health, Dept of Epidemiology	Member
2010-2011	Search Committee for Cancer Epidemiology Director	University of Pittsburgh Cancer Institute and Dept of Epidemiology	Member
2012-2015	The University Senate Faculty Assembly	University of Pittsburgh, Graduate School of Public Health representative	Member
2012	Conflict of Interest Oversight Committee	University of Pittsburgh, Office of Research, Health Sciences	Member
2014-2015	University Senate Council	University of Pittsburgh, GSPH representative	Member
2013-2014	Association of Schools and Programs of Public Health (ASPPH)/ CDC Public Health Fellowship Program	University of Pittsburgh, GSPH	Reviewer
2014-present	University Research Council (URC)	University of Pittsburgh, GSPH representative	Member

2014-present	Association of Schools and Programs of Public Health (ASPPH)	University of Pittsburgh, GSPH representative	Member
2014-present	Epidemiology Retreat Planning Committee	University of Pittsburgh, Graduate School of Public Health, Dept of Epidemiology	Chair
2015	Epidemiology Faculty Working Group	University of Pittsburgh, Graduate School of Public Health, Dept of Epidemiology	Chair
2015-2016	Epidemiology Faculty Working Group	University of Pittsburgh, Graduate School of Public Health, Dept of Epidemiology	Member
2015- present	URC Interdisciplinary Research Sub Committee	University of Pittsburgh, GSPH representative	Member
2015-present	Search Committee for Senior Scientist	University of Pittsburgh Cancer Institute	Member
2015-present	Faculty Giving Committee	University of Pittsburgh, GSPH representative	Member
2015-present	Physician Scientist Training Program	University of Pittsburgh School of Medicine	Core Faculty Member
2015-present	Provost's Award for Excellence in Mentoring Selection Committee (2015-2017)	University of Pittsburgh	Member
2015-present	Planning of the Research Section	ASPPH Retreat (6/16)	Co-Chair,
2015	Pilot Grant Program, “Advancing Research on Opioid Drug and Heroin Addiction”	University of Pittsburgh, GSPH	Chair
2016	Central Research Development Fund (CRDF) Health Sciences Subcommittee	University of Pittsburgh	Co-Chair
2016-2019	Senate Tenure and Academic Freedom Committee	GSPH, University of Pittsburgh	Member
2016	Pilot Grant Program, “Cura Zika”	University of Pittsburgh, GSPH	Co-Chair
<b>OTHER RESEARCH AND TRAINING RELATED ACTIVITIES</b>			
1996-2004	Scientific Advisory Board	National Osteoporosis Foundation	Advisor
2006-13	United States Bone and Joint Decade, NFP	Young Investigators Initiative Review Committee	Member
2007	External Peer Review Meeting	Environmental Protection Agency (EPA), Fluoride Review	Member

2007- 12	Ethics Advisory Committee	American Society Bone Mineral Research	Member
2010-present	Program project Advisory Committee (Physiology of Bone Metabolism in an Aging Population, Sundeep Khosla, PI )	Mayo Clinic, Rochester	Member
2011	External reviewer for Centre for Integrated Research into Musculoskeletal Ageing	Arthritis Research UK	Member
2011-16	American Federation for Aging Research (AFAR), Inc., Biology of Aging Grant Program	National Scientific Advisory Council	Member
2012	External Reviewer Tenure Committee	Drexel University School of Public Health	Member
2012	External Review Committee	University of South Florida, College of Nursing	Member
2012-present	Cancer Epidemiology Unit, Collaborative Group	University of Oxford	Member
2012-present	College of Nursing external review committee	University of South Florida	Member
<b><i>National Institutes of Health (NIH)</i></b>			
1999	NIA Iceland Study	NIH Telephone Review (2)	Member
1999-2002	NIAMS PTH and Alendronate Study Biological and Clinical Aging Review – Subcommittee B, - NIA	NIH Study Section	Member
2003-04	Epidemiology of Clinical Disorders and Aging Study Section (ECDA)	NIH Study Section	Member
2004-08	Neurological, Aging and Musculoskeletal Epidemiology (NAME)	NIH Study Section	Member
2009-10	Recovery Act Funds for Administrative (RAFA) Supplements	NIAMS Study Section	Member
2010-11	College of CSR		Reviewer
2015	NAME Member Conflict	NIH Special Emphasis Panel	Chair

Ad Hoc Contract Review Committee, National Institute on Aging, 10/15/90 -10/17/90. Women's Aging Study, RFP #NO1-AG-90-08

Ad Hoc Contract Review Committee, National Institute on Aging, 7/14/91 -7/17/91. Physical Frailty in Minority Older Populations, RFP #AG-91-03.

Epidemiology and Disease Control Study Section -Ad Hoc Study Section, 10/91, 2/92, 7/92, 3/93, 7/93, 10/93, 12/93,7/94, 11/94. Chair, 12/93,3/94,7/94, 11/94, 4/95, 11/95, 3/96, 7/96.

Department of Defense; Breast Cancer proposal review committee: 11/95; 9/96.

Department of Health & Human Services; Surgeon's General Report, Women and Smoking, "Health consequences of tobacco use by women" review committee: 4/97.

### ***Site Visits***

Riggs BL, Mayo Clinic Program Project, "Physiology of bone metabolism in an aging population," Primary Reviewer. Melton LJ, et al. Project No.2: "Risk factors for hip fractures among the elderly." April, 1989.

McKinley S, Program Project, "Health and effective functioning in aging women." New England Research Institute. Primary Reviewer: Part No. 2, "Transmenopausal Bone Loss and Risk Factors;" and Field Core; Secondary Reviewer, Project No.1, "Transmenopausal Changes in Sex Hormones and Lipids; and Statistical Core." December, 1991.

Bowman-Gray School of Medicine: General Clinical Research Center Application -April, 1995

Poehlman E: Effect of menopause and hormone replacement therapy on visceral fat and insulin sensitivity. University of Vermont. October, 1999; 2001.

Khosla S, Mayo Clinic Program Project, "Physiology of Bone Metabolism in Aging Population," Project No. 3: "Risk factors for hip fractures among the elderly" July 2003.

### HONORS

1975	BSN, Cum Laude	Boston College
1978-79	Recipient: Professional Nurse Traineeship	University of Pittsburgh
1984	University Scholar: Chosen to represent all graduate honor students and personally accept award	University of Pittsburgh
1984	National Research Service Award Individual Postdoctoral Fellow in Epidemiology	National Heart Lung and Blood Institute and Center for Nursing Research
1986	FIRST Award: Epidemiology of Apo-Lipoprotein in Older Women (HL40489)	National Heart, Lung and Blood Institute
1990	Delta Omega Society	Public Health Honor Society
1996	American Epidemiological Society Membership	American Epidemiological Society
2002	Pittsburgh Post Gazette: 1 of 12 scientists chosen as making a difference in your health	
2003	Elected Council Member	American Society for Bone & Mineral Research
2004	Distinguished Alumni Award	GSPH, University of Pittsburgh
2004	President	GSPH Faculty Senate Executive Committee
2011	Provost's Award for Excellence in Mentoring	University of Pittsburgh
2011	Frederic C. Bartter Award	American Society for Bone and Mineral Research
2014	Member	SmithBucklin Leadership Institute
2014	Golden Femur Award	European Calcified Tissue Society
2014, 2015	The World's Most Influential Scientific Minds (Clinical Medicine)	Thomson Reuters
2015	Chancellor's Distinguished Research Award	University of Pittsburgh

### PUBLICATIONS

(\* denotes student articles)

1. LaPorte RE, **Cauley JA**. Wine, age and coronary heart disease (letter). *Lancet*. 1981;1(8211):105.
2. **Cauley JA**, LaPorte RE, Kuller LH, Black-Sandler RB. The epidemiology of high density lipoprotein cholesterol in post-menopausal women. *J Gerontol*. 1982;37(1):10-5.
3. Black-Sandler RB, LaPorte RE, Sashin D, Kuller LH, Sternglass E, **Cauley JA**, Link MM. Determinants of bone mass in menopause. *Prev Med*. 1982;11(3):269-80.



4. LaPorte RE, **Cauley JA**, Kinsey CM, Corbett W, Robertson R, Black-Sandler RB, Kuller LH, Falkel J. The epidemiology of physical activity in children, college students, middle-aged men, menopausal females and monkeys. *J Chronic Dis*. 1982;35(10):787-95.
5. **Cauley JA**, LaPorte RE, Kuller LH, Bates M, Sandler RB. Menopausal estrogen use, high density lipoprotein cholesterol subfractions and liver function. *Atherosclerosis*. 1983;49(1): 31-9.
6. LaPorte RE, Black-Sandler RB, **Cauley JA**, Link MM, Bayles C, Marks B. The assessment of physical activity in older women: analysis of the interrelationship and reliability of activity monitoring, activity surveys and caloric intake. *J Gerontol*. 1983;38(4):394-7.
7. LaPorte RE, Brenes G, Dearwater S, Murphy MA, **Cauley JA**, Dietrick R, Robertson R. HDL-Cholesterol across a spectrum of physical activity from quadriplegia to marathon running (letter). *Lancet*. 1983;1(8335):1212-3.
8. LaPorte RE, Dearwater S, **Cauley JA**, Slemenda C, Cook T. Cardiovascular fitness: Is it really necessary. *The Physician and Sportsmedicine*. 1985;13(3):145-8.
9. Sandler RB, Slemenda CW, LaPorte RE, **Cauley JA**, Schramm MM, Barresi ML, Kriska AM. Postmenopausal bone density and milk consumption in childhood and adolescence. *Am J Clin Nutr*. 1985;42(2): 270-4.
10. Dearwater SR, LaPorte RE, **Cauley JA**, Brenes G. Assessment of physical activity in inactive populations. *Med Sci Sports Exerc*. 1985;17(6): 651-5.
11. **Cauley JA**, LaPorte RE, Sandler RB, Orchard TJ, Slemenda CW, Petrini AM. The relationship of physical activity to high density lipoprotein cholesterol in postmenopausal women. *J Chronic Dis*. 1986;39(9):687-97.
12. **Cauley JA**, Gutai JP, Sandler RB, LaPorte RE, Kuller LH, Sashin D. The relationship of endogenous estrogen to bone density and bone area in normal postmenopausal women. *Am J Epidemiol*. 1986;124(5):752-61.
13. Schramm MM, **Cauley JA**, Sandler RB, Slemenda CW. Lack of an association between calcium intake and blood pressure in postmenopausal women. *Am J Clin Nutr*. 1986;44(4): 505-11. \*
14. Kriska AM, Bayles C, **Cauley JA**, LaPorte RE, Sandler RB, Pambianco G. A randomized exercise trial in older women: increased activity over two years and the factors associated with compliance. *Med Sci Sports Exerc*. 1986;18(5):557-62.
15. **Cauley JA**, Petrini AM, LaPorte RE, Sandler RB, Bayles CM, Robertson RJ, Slemenda CW. The decline of grip strength in the menopause: relationship to physical activity, estrogen use and anthropometric factors. *J Chronic Dis*. 1987;40(2):115-20.
16. **Cauley JA**, Kuller LH, LaPorte RE, Dai WS, D'Antonio JA. Studies on the association between alcohol and high density lipoprotein cholesterol: Possible benefits and risks. *Advances in Alcohol and Substance Abuse*. 1987.6(3):53-68.
17. **Cauley JA**, LaPorte RE, Sandler RB, Schramm MM, Kriska AM. Comparison of methods to measure physical activity in postmenopausal women. *Am J Clin Nutr*. 1987; 45(1):14-22.
18. Sandler RB, **Cauley JA**, Hom DL, Sashin D, Kriska AM. The effects of walking on the cross-sectional dimensions of the radius in postmenopausal women. *Calcif Tissue Int*. 1987;41(2):65-9.
19. **Cauley JA**, Kriska AM, LaPorte RE, Sandler RB, Pambianco G. A two year randomized exercise trial in older women: effects on HDL-cholesterol. *Atherosclerosis*. 1987;66(3):247-58.
20. **Cauley JA**, Gutai JP, Kuller LH, Dai WS. Usefulness of sex steroid hormone levels in predicting subsequent coronary artery disease in men. *Am J Cardiol*. 1987;60(10):771-7.

21. Kriska AM, Sandler RB, **Cauley JA**, LaPorte RE, Hom DL, Pambianco G. The assessment of historical physical activity and its relationship to adult bone parameters. *Am J Epidemiol.* 1988;127(5):1053-63.
22. Dai WS, Gutai JP, Kuller LH, **Cauley JA**. Cigarette smoking and serum sex hormones in men. *Am J Epidemiol.* 1988;128(4):796-805.
23. **Cauley JA**, Gutai JP, Kuller LH, LeDonne D, Sandler RB, Sashin D, Powell JG. Endogenous estrogen levels and calcium intakes in postmenopausal women. Relationships with cortical bone measures. *JAMA.* 1988;260(21):3150-5.
24. **Cauley JA**, Gutai JP, Kuller LH, LeDonne D, Powell JG. The epidemiology of serum sex hormones in postmenopausal women. *Am J Epidemiol.* 1989;129(6):1120-31.
25. Sandler RB, **Cauley JA**, Sashin D, Scialabba MA, Kriska AM. The effect of grip strength on radial bone in postmenopausal women. *J Orthop Res.* 1989;7(3): 440-4.
26. Cummings SR, Black DM, Nevitt MC, Browner WS, **Cauley JA**, Genant HK, Mascioli SR, Scott JC, Seeley DG, Steiger P, et al. Appendicular bone density predicts hip fracture in women. The Study of Osteoporotic Fractures Research Group. *JAMA.* 1990;263(5): 665-8.
27. **Cauley JA**, Cummings SR, Black DM, Mascioli SR, Seeley DG. Prevalence and determinants of estrogen replacement therapy in elderly women. *Am J Obstet Gynecol.* 1990;163(5 Pt. 1):1438-44.
28. Eichner JE, Friedrich CA, **Cauley JA**, Kamboh MI, Gutai JP, Kuller LH, Ferrell RE. Alpha<sub>2</sub>-HS glycoprotein phenotypes and quantitative hormone and bone measures in postmenopausal women. *Calicif Tissue Int.* 1990;47(6):345-9. \*
29. Egeland GM, Kuller LH, Matthews KA, Kelsey SF, **Cauley JA**, Guzick D. Hormone replacement therapy and lipoprotein changes during early menopause. *Obstet Gynecol.* 1990;76(5 pt. 1):776-82. \*
30. **Cauley JA**, Gutai JP, Kuller LH, Powell JG. The relationship of endogenous sex steroid hormone concentrations to serum lipid and lipoprotein levels in postmenopausal women. *Am J Epidemiol.* 1990;132(5):884-94.
31. **Cauley JA**, Donfield SM, LaPorte RE, Warhaftig N. Physical activity by socioeconomic status in two population based cohorts. *Med Sci Sports Exerc.* 1991;23(3):343-51.
32. **Cauley JA**, Gutai JP, Kuller LH, Powell JG. The reliability and interrelations among serum sex hormones in postmenopausal women. *Am J Epidemiol.* 1991;133(1):50-7.
33. Olsen TL, Anderson RL, Dearwater SR, Kriska AM, **Cauley JA**, Aaron DJ, LaPorte RE. The epidemiology of low back pain in an adolescent population. *Am J Public Hlth.* 1992;82(4):606-8. \*
34. Ettinger B, Black DM, Nevitt MC, Rundle AC, **Cauley JA**, Cummings SR, Genant HK. Contribution of vertebral deformities to chronic back pain and disability. The Study of Osteoporotic Fractures Research Group. *J Bone Miner Res.* 1992;7(4):449-56.
35. Nevitt MC, Cummings SR, Browner WS, Seeley DG, **Cauley JA**, Vogt TM, Black DM. The accuracy of self-report of fractures in elderly women: evidence from a prospective study. *Am J Epidemiol.* 1992;135(5):490-9.
36. Eichner JE, **Cauley JA**, Ferrell RE, Cummings SR, Kuller LH. Genetic variation in two bone-related proteins: is there an association with bone mineral density or skeletal size in postmenopausal women? *Genet Epidemiol.* 1992;9(3):177-84. \*
37. Cummings SR, Black DM, Nevitt MC, Browner W, **Cauley J**, Ensrud K, Genant HK, Palermo L, Scott J, Vogt TM. Bone density at various sites for prediction of hip fractures: The Study of Osteoporotic Fractures Research Group. *Lancet.* 1993;341(8837):72-5.
38. **Cauley JA**, Eichner JE, Kamboh MI, Ferrell RE, Kuller LH. Apo E allele frequencies in younger (age 42-50) vs. older (age 65-90) women. *Genet Epidemiol.* 1993;10(1):27-34.

39. Vogt MT, **Cauley JA**, Kuller LH, Hulley SB. Prevalence and correlates of lower extremity arterial disease in elderly women. *Am J Epidemiol.* 1993;137(5):559-68. \*
40. Bauer DC, Browner W, **Cauley JA**, Orwoll E, Scott JC, Black DM, Tao JL, Cummings SR. Factors associated with appendicular bone mass in older women. The Study of Osteoporotic Fractures Research Group. *Ann Intern Med.* 1993;118(9):657-65.
41. **Cauley JA**, Cummings SR, Seeley DG, Black D, Browner W, Kuller LH, Nevitt MC. Effects of Thiazide Diuretic Therapy on Bone Mass, Fractures and Falls. The Study of Osteoporotic Fractures Research Group. *Ann Intern Med.* 1993;118(9):666-73.
42. Danielson ME, **Cauley JA**, Rohay JM. Physical activity and its association with plasma lipids and lipoproteins in elderly women. *Ann Epidemiol.* 1993;3(4):351-7. \*
43. Aaron DJ, Kriska AM, Dearwater SR, Anderson RL, Olsen TL, **Cauley JA**, LaPorte RE. The epidemiology of leisure physical activity in an adolescent population. *Med Sci Sports Exerc.* 1993;25(7):847-53. \*
44. **Cauley JA**, Kwoh KC, Egeland G, Nevitt MC, Cooperstein L, Rohay J, Towers A, Gutai JP. Serum sex hormones and severity of osteoarthritis of the hand. *J Rheumatol.* 1993;20(7):1170-5.
45. Carson CA, **Cauley JA**, Caggiula AW. Relation of caffeine to blood lipids in elderly women. *Am J Epidemiol.* 1993;138(2):94-100. \*
46. Browner WS, Pressman AR, Nevitt MC, **Cauley JA**, Cummings SR. Association between low bone density and stroke in elderly women. The Study of Osteoporotic Fractures. *Stroke.* 1993;24(7):940-6.
47. Vogt MT, **Cauley JA**, Newman AB, Kuller LH, Hulley SB. Decreased ankle/arm blood pressure index and mortality in elderly women. *JAMA.* 1993;270(4):465-9. \*
48. Black DM, Reiss TF, Nevitt MC, **Cauley J**, Karpf D, Cummings SR. Design of the Fracture Intervention Trial. *Osteoporos Int.* 1993;3(Suppl 3):S29-39.
49. **Cauley JA**, Gutai JP, Kuller LH, Scott J, Nevitt MC. Black-white differences in serum sex hormones and bone mineral density. *Am J Epidemiol.* 1994;139(10):1035-46.
50. Muldoon SB, **Cauley JA**, Kuller LH, Scott J, Rohay J. Lifestyle and sociodemographic factors as determinants of blood lead levels in elderly women. *Am J Epidemiol.* 1994;139(6):599-608. \*
51. **Cauley JA**, Gutai JP, Glynn NW, Paternostro-Bayles M, Cottingham E, Kuller LH. Serum estrone concentrations and coronary artery disease in postmenopausal women. *Arterioscler Thromb.* 1994;14(1):14-8.
52. Vogt MT, **Cauley JA**, Kuller LH, Nevitt MC. Functional status and mobility among elderly women with lower extremity arterial disease: the Study of Osteoporotic Fractures. *J Am Geriatr Soc.* 1994;42(9):923-9. \*
53. Ensrud KE, Nevitt MC, Yunis C, **Cauley JA**, Seeley DG, Fox KM, Cummings SR. Correlates of impaired function in older women. *J Am Geriatr Soc.* 1994;42(5):481-9.
54. Kuller LH, Meilahn EN, **Cauley JA**, Gutai JP, Matthews KA. Epidemiologic studies of menopause: changes in risk factors and disease. *Exp Gerontol.* 1994;29(3-4):495-509.
55. Cummings SR, **Cauley JA**, Palermo L, Ross PD, Wasnich RD, Black D, Faulkner KG. Racial differences in hip axis lengths might explain racial differences in rates of hip fracture. *Osteoporos Int.* 1994;4(4):226-9.
56. Cummings SR, Nevitt MC, Browner W, Stone K, Fox KM, Ensrud KE, **Cauley JA**, Vogt TT. Risk factors for hip fracture in white women. Study of Osteoporotic Fractures Research Group. *N Engl J Med.* 1995;332(12):767-73.

57. **Cauley JA**, Seeley DG, Ensrud K, Ettinger B, Black D, Cummings SR. Estrogen replacement therapy and fractures in older women. Study of Osteoporotic Fractures Research Group. *Ann Intern Med.* 1995;122(1):9-16.
58. Riley TJ, **Cauley JA**, Murphy PA. Water chlorination and lipo- and apolipoproteins: the relationship in elderly white women of western Pennsylvania. *Am J Public Health.* 1995;85(4):570-3. \*
59. **Cauley JA**, Murphy PA, Riley TJ, Buhari AM. Effects of fluoridated drinking water on bone mass and fractures: The Study of Osteoporotic Fractures. *J Bone Miner Res.* 1995;10(7):1076-86.
60. Ensrud KE, Palermo L, Black DM, **Cauley J**, Jergas M, Orwoll ES, Nevitt MC, Fox KM, Cummings SR. Hip and calcaneal bone loss increase with advancing age: longitudinal results from the Study of Osteoporotic Fractures. *J Bone Miner Res.* 1995;10(11):1778-87.
61. Ganguli M, **Cauley JA**, DeKosky ST, Kamboh MI. Dementia among elderly apolipoprotein E type 4/4 homozygotes: a prospective study. *Genetic Epidemiol.* 1995; 12(3):309-11.
62. Glynn NW, Meilahn EN, Charron M, Anderson SJ, Kuller LH, **Cauley JA**. Determinants of bone mineral density in older men. *J Bone Miner Res.* 1995;10(11):1769-77. \*
63. Seeley DG, **Cauley JA**, Grady D, Browner WS, Nevitt MC, Cummings SR. Is postmenopausal estrogen therapy associated with neuromuscular function or falling in elderly women? Study of Osteoporotic Fractures Research Group. *Arch Intern Med.* 1995;155(3):293-9.
64. Salamone LM, Glynn N, Black D, Epstein RS, Palermo L, Meilahn E, Kuller LH, **Cauley, JA**. Body composition and bone mineral density in premenopausal women. *J Bone Miner Res.* 1995;10(11): 1762-68. \*
65. Aaron DJ, Kriska AM, Dearwater SR, **Cauley JA**, Metz KF, LaPorte RE. Reproducibility and validity of an epidemiologic questionnaire to assess past year physical activity in adolescents. *Am J Epidemiol.* 1995;142(2): 191-201. \*
66. Muldoon SB, **Cauley JA**, Kuller LH, Morrow L, Needleman HL, Scott J, Hooper FJ. Effects of blood lead levels on cognitive function in older women. *Neuroepidemiology.* 1996;15(2):62-72. \*
67. Meilahn EN, **Cauley JA**, Tracy RP, Macy EO, Gutai JP, Kuller LH. Association of sex hormones and adiposity with plasma levels of fibrinogen and PAI-1 in postmenopausal women. *Am J Epidemiol.* 1996;143(2):159-66.
68. Salamone LM, Ferrell R, Black DM, Palermo L, Epstein RS, Petro N, Steadman N, Kuller LH, **Cauley JA**. The association between vitamin D receptor gene polymorphisms and bone mineral density at the spine, hip and whole-body in premenopausal women. *Osteoporos Int.* 1996;61(1): 63-8. \*
69. Vogt MT, **Cauley JA**, Scott JC, Kuller LH, Browner WS. Smoking and mortality among older women: The Study of Osteoporotic Fractures. *Arch Intern Med.* 1996;156:630-636. \*
70. Salamone LM, Pressman AR, Seeley DG, **Cauley JA**. Estrogen replacement therapy: a survey of older women's attitudes. *Arch Intern Med.* 1996;156(12):1293-7. \*
71. Salamone LM, Glynn N, Ferrell R, Black D, Epstein R, Kuller L, **Cauley JA**. Determinants of premenopausal bone mineral density: the interplay of genetic and life-style factors. *J Bone Miner Res.* 1996;11(10):1557-65. \*
72. **Cauley JA**, Lucas FL, Kuller LH, Vogt MT, Browner WS, Cummings SR. Bone mineral density and risk of breast cancer in older women. Study of Osteoporotic Fractures Research Group. *JAMA.* 1996;276(17):1404-8.

73. Black DM, Cummings SR, Karpf DB, **Cauley JA**, Thompson DE, Nevitt MC, Genant HK, Haskell WL, Marcus R, Ott SM, Torner JC, Quandt SA, Reiss TF, Ensrud KE. Randomised trial of effect of alendronate on risk of fracture in women with existing vertebral fractures. *Lancet*. 1996;348(9041):1535-41.
74. Nevitt MC, Cummings SR, Lane NE, Hochberg MC, Scott JC, Pressman AR, Genant HK, **Cauley JA**. Association of estrogen replacement therapy with the risk of osteoarthritis of the hip in elderly white women. Study of Osteoporotic Fractures Research Group. *Arch Intern Med*. 1996;156(18):2073-80.
75. **Cauley JA**, Dorman JS, Ganguli M. Genetic and aging epidemiology: the merging of two disciplines. *Neurol Clin*. 1996;14(2):467-75.
76. Gregg EW, Kriska AM, Fox K, **Cauley JA**. Self-rated health and the spectrum of physical activity and function in elderly women. *J Aging Phy Act*. 1996; 4:351-363. \*
77. Vogt MT, **Cauley JA**, Kuller LH. Apolipoprotein E phenotype, arterial disease and mortality among older women: the Study of Osteoporotic Fractures. *Genet Epidemiol*. 1997;14(2):147-56. \*
78. Vogt MT, **Cauley JA**, Kuller LH, Nevitt MC. Bone mineral density and blood flow to the lower extremities: the study of osteoporotic fractures. *J Bone Miner Res*. 1997;12(2):283-9. \*
79. **Cauley JA**, Seeley DG, Browner WS, Ensrud K, Kuller LH, Lipschutz RC, Hulley SB. Estrogen replacement therapy and mortality among older women. The Study of Osteoporotic Fractures. *Arch Intern Med*. 1997;157(19):2181-7.
80. **Cauley JA**, Danielson ME, Gregg EW, Vogt MT, Zmuda J, Bauer DC. Calcaneal ultrasound attenuation in older African-American and Caucasian-American women. *Osteoporos Int*. 1997;7(2):100-4.
81. Yaffe K, **Cauley J**, Sands L, Browner W. Apolipoprotein E phenotype and cognitive decline in a prospective study of elderly community women. *Arch Neurol*. 1997;54(9):1110-4.
82. Bauer DC, Gluer CC, **Cauley JA**, Vogt TM, Ensrud KE, Genant HK, Black DM. Broadband ultrasound attenuation predicts fractures strongly and independently of densitometry. A prospective study. Study of Osteoporotic Fractures Research Group. *Arch Intern Med*. 1997;157(6):629-34.
83. Vogt MT, San Valentin RS, Forrest KY, Nevitt MC, **Cauley JA**. Bone mineral density and aortic calcification: the Study of Osteoporotic Fractures. *J Am Geriatr Soc*. 1997;45(2):140-5. \*
84. Vogt MT, Nevitt MC, **Cauley JA**. Back problems and atherosclerosis: the Study of Osteoporotic Fractures. *Spine*. 1997;22(23):2741-7. \*
85. Kuller LH, **Cauley JA**, Lucas L, Cummings S, Browner WS. Sex steroid hormones, bone mineral density and the risk of breast cancer. *Environ Health Perspect*. 1997;105(Suppl 3):593-9.
86. Forrest KY, Bunker CH, Songer TJ, Coben JH, **Cauley JA**. Driving patterns and medical conditions in older women. *J Am Geriatr Soc*. 1997;45(10):1214-8. \*
87. Zmuda JM, **Cauley JA**, Danielson ME, Wolf RL, Ferrell RE. Vitamin D receptor gene polymorphisms, and rates of bone loss, and bone turnover in older African-American women. *J Bone Miner Res*. 1997;12(9):1446-52. \*
88. Zmuda JM, **Cauley JA**, Kriska A, Glynn NW, Gutai JP, Kuller LH. Longitudinal relation between endogenous testosterone and cardiovascular disease risk factors in middle-aged men: A 13-year follow-up of former multiple risk factor intervention trial participants. *Am J Epidemiol*. 1997;146(8):609-17. \*
89. Ensrud KE, Lipschutz RC, **Cauley JA**, Seeley D, Nevitt MC, Scott J, Orwoll ES, Genant HK, Cummings SR. Body size and hip fracture risk in older women: a prospective study. Study of Osteoporotic Fractures Research Group. *Am J Med*. 1997;103(4):274-80.
90. Salamone LM, **Cauley JA**. Attitudinal barriers to estrogen replacement therapy in older women. *Clinical Ger*. 1997. 5:72-89. \*

91. Ensrud KE, **Cauley J**, Lipschutz R, Cummings SR. Weight change and fractures in older women. Study of Osteoporotic Fractures Research Group. *Arch Intern Med.* 1997;157(8):857-63.
92. Theobald TM, **Cauley JA**, Gluer CC, Bunker CH, Ukoli FA, Genant HK. Black-white differences in hip geometry. Study of Osteoporotic Fractures Research Group. *Osteoporos Int.* 1998;8(1):61-7. \*
93. Zmuda JM, Eichner JE, Ferrell RE, Bauer DC, Kuller LH, **Cauley JA**. Genetic variation in alpha 2HS-Glycoprotein is related to calcaneal broadband ultrasound attenuation in older women. *Calcif Tissue Int.* 1998;63(1):5-8. \*
94. Gregg EW, **Cauley JA**, Seeley DG, Ensrud KE, Bauer DC. Physical activity and osteoporotic fracture risk in older women. Study of Osteoporotic Fractures Research Group. *Ann Intern Med.* 1998; 129(2):81-8. \*
95. Lucas FL, **Cauley JA**, Stone RA, Cummings SR, Vogt MT, Weissfeld JL, Kuller LH. Bone mineral density and risk of breast cancer: differences by family history of breast cancer. Study of Osteoporotic Fractures Research Group. *Am J Epidemiol.* 1998;148(1):22-9. \*
96. Salamone LM, Gregg E, Wolf RL, Epstein RS, Black D, Palermo L, Kuller LH, **Cauley JA**. Are menopausal symptoms associated with bone mineral density and changes in bone mineral density in premenopausal women? *Maturitas.* 1998;29(2):179-87. \*
97. Pereira MA, Kriska AM, Day RD, **Cauley JA**, LaPorte RE, Kuller LH. A randomized walking trial in postmenopausal women: effects on physical activity and health 10 years later. *Arch Intern Med.* 1998;158(15):1695-1701. \*
98. Ettinger B, Pressman A, Sklarin P, Bauer DC, **Cauley JA**, Cummings SR. Associations between low levels of serum estradiol bone density and fractures among elderly women: the Study of Osteoporotic Fractures. *J Clin Endocrinol Metab.* 1998;83(7):2239-43.
99. Salamone LM, Whiteside T, Friberg D, Epstein RS, Kuller LH, **Cauley JA**. Cytokine production and bone mineral density at the lumbar spine and femoral neck in premenopausal women. *Calcif Tissue Int.* 1998;63(6):466-70. \*
100. Vogt MT, Rubin DA, Valentin RS, Palermo L, Donaldson WF, Nevitt M, **Cauley JA**. Lumbar osteosthesis and lower back symptoms in elderly white women. The Study of Osteoporotic Fractures. *Spine.* 1998;23(23):2640-7.
101. Visser M, Langlois J, Guralnik JM, **Cauley JA**, Kronmal RA, Robbins J, Williamson JD, Harris TB. High body fatness, but not low fat-free mass, predicts disability in older men and women: the Cardiovascular Health Study. *Am J Clin Nutr.* 1998;68(3):584-90.
102. Whooley MA, Kip KE, **Cauley JA**, Ensrud KE, Nevitt MC, Browner WS. Depression, falls, and risk of fracture in older women. Study of Osteoporotic Fractures Research Group. *Arch Intern Med.* 1999;159(5):484-90.
103. Zmuda JM, **Cauley JA**, Danielson ME, Theobald TM, Ferrell RE. Vitamin D receptor translation initiation codon polymorphism and markers of osteoporotic risk in older African-American women. *Osteoporos Int.* 1999;9(3): 214-9. \*
104. **Cauley JA**, Lucas FL, Kuller LH, Stone K, Browner W, Cummings SR. Elevated serum estradiol and testosterone concentrations are associated with a high risk of breast cancer. *Ann Intern Med.* 1999;130(4 Pt 1):270-7.
105. Salamone LM, **Cauley JA**, Black DM, Simkin-Silverman L, Lang W, Gregg E, Palermo L, Epstein RS, Kuller LH, Wing R. Effect of a lifestyle intervention on bone mineral density in pre- and early perimenopausal women. *Am J Clin Nutr.* 1999;70(1):97-103. \*

106. Matthews K, **Cauley J**, Yaffe K, Zmuda JM. Estrogen replacement therapy and cognitive decline in community women. *J Am Geriatr Soc.* 1999;47(5):518-23.
107. **Cauley JA**, Zmuda JM, Yaffe K, Kuller LH, Ferrell RE, Cummings SR. Apolipoprotein E polymorphism: a new genetic marker of hip fracture risk. The Study of Osteoporotic Fractures. *J Bone Miner Res.* 1999;14(7):1175-81.
108. Cummings SR, Eckert S, Krueger KA, Grady D, Powles TJ, **Cauley JA**, Norton L, Nickelsen T, Bjarnson NH, Marrow M, Lippman ME, Black D, Glusman JE, Costa A, Jordon VC. The effect of raloxifene on risk of breast cancer in postmenopausal women: results from the MORE randomized trial. Multiple Outcomes of Raloxifene Evaluation. *JAMA.* 1999;281(23):2189-97.
109. Santoro NF, Col NF, Eckman MH, Wong JB, Pauker SG, **Cauley JA**, Zmuda J, Crawford S, Johannes CB, Rossouw JE, Merz CN. Therapeutic controversy: Hormone replacement therapy: where are we going? *J Clin Endocrin Metab.* 1999;84(6):1798-812.
110. Yaffe K, Browner W, **Cauley J**, Launer L, Harris T. Association between bone mineral density and cognitive decline in elderly women. *J Am Geriatr Soc.* 1999;47(10):1176-82.
111. Ensrud KE, Stone K, **Cauley JA**, White C, Zmuda JM, Nguyen TV, Eisman JA, Cummings SR. Vitamin D receptor gene polymorphisms and the risk of fractures in older women. *J Bone Miner Res.* 1999;14(10):1637-45.
112. Gregg EW, Kriska AM, Salamone LM, Wolf RL, Roberts MM, Ferrell RE, Anderson SJ, Kuller LH, **Cauley JA**. Correlates of quantitative ultrasound in the Women's Healthy Lifestyle Project. *Osteoporos Int.* 1999;10(5):416-24. \*
113. Johnston JM, **Cauley JA**, Ganguli M. APOE 4 and hip fracture risk in a community-based study of older adults. *J Am Ger Soc.* 1999;47(11):1342-5. \*
114. Cappuccio FP, Meilahn E, Zmuda JM, **Cauley JA**. High blood pressure and bone-mineral loss in elderly white women: a prospective study. Study of Osteoporotic Fractures Research Group. *Lancet.* 1999;354(9183):971-5.
115. Weyant RJ, Pearlstein ME, Churak AP, Forrest K, Famili P, **Cauley JA**. The association between osteopenia and periodontal attachment loss in older women. *J Periodontol.* 1999;70:982-991.
116. Vogt MT, Rubin DA, San Valentin RS, Palermo L, Kang JD, Donaldson WF 3rd, Nevitt M, **Cauley JA**. Degenerative lumbar listhesis and bone mineral density in elderly women. The study of osteoporotic fractures. *Spine.* 1999;24(23):2536-41.
117. Danielson ME, **Cauley JA**, Baker CE, Newman AB, Dorman JS, Towers JD, Kuller LH. Familial resemblance of bone mineral density (BMD) and calcaneal ultrasound attenuation: the BMD in mothers and daughters study. *J Bone Miner Res.* 1999;14(1):102-10. \*
118. Kerlikowske K, Salzman P, Phillips KA, **Cauley JA**, Cummings SR. Continuing screening mammography in women aged 70 to 79 years: impact of life expectancy and cost-effectiveness. *JAMA.* 1999;282(22):2156-63.
119. Salamone LM, **Cauley JA**, Zmuda J, Pasagian-Macaulay A, Epstein RS, Ferrell RE, Black DM, Kuller LH. Apolipoprotein E gene polymorphism and bone loss: estrogen status modifies the influence of apolipoprotein E on bone loss. *J Bone Miner Res.* 2000;15(2):308-14. \*
120. Zmuda JM, **Cauley JA**, Glynn NW, Finkelstein JS. Posterior-anterior and lateral dual-energy absorptiometry for the assessment of vertebral osteoporosis and bone loss among older men. *J Bone Miner Res.* 2000;15(7):1417-24. \*

121. Ensrud KE, Thompson DE, **Cauley JA**, Nevitt MC, Kado DM, Hochberg MC, Santora AC 2<sup>nd</sup>, Black DM. Prevalent vertebral deformities predict mortality and hospitalization in older women with low bone mass. *J Am Geriatr Soc.* 2000;48(3):241-9.
122. Gregg EW, Yaffe K, **Cauley JA**, Rolka DB, Blackwell TL, Narayan KM, Cummings SR. Is diabetes associated with cognitive impairment and cognitive decline among older women? Study of Osteoporotic Fractures Research Group. *Arch Intern Med.* 2000;160(2):174-80. \*
123. Ensrud KE, Duong T, **Cauley JA**, Heaney RP, Wolf RL, Harris E, Cummings SR. Low fractional calcium absorption increases the risk of hip fracture in women with low calcium intake. Study of Osteoporotic Fractures Research Group. *Ann Intern Med.* 2000;132(5):345-53.
124. Kerlikowske K, Phillips KA, Cummings SR, Salzman P, **Cauley JA**. Screening mammography in elderly women. *JAMA* 2000;283(24):3202-4.
125. Wolf RL, **Cauley JA**, Baker CE, Ferrell RE, Charron M, Caggiula AW, Salamone LM, Heaney RP, Kuller LH. Factors associated with calcium absorption efficiency in pre- and perimenopausal women. *Am J Clin Nutr.* 2000;72(2):466-71. \*
126. Brown SR, Vogt MT, **Cauley JA**. The relationship between back pain and lumbar range of motion and their effects on activities of daily living in elderly African-American women: a summary of results. *Pittsburgh Orthopedic Journal.* 2000;11:157. \*
127. Yaffe K, Lui LY, Grady D, **Cauley J**, Kramer J, Cummings SR. Cognitive decline in women in relation to non-protein-bound oestradiol concentrations. *Lancet.* 2000;356(9231):708-12.
128. Whooley MA, Grady D, **Cauley JA**. Postmenopausal estrogen therapy and depressive symptoms in older women. *J Gen Intern Med.* 2000;15(8):535-41.
129. **Cauley JA**, Thompson DE, Ensrud KC, Scott JC, Black D. Risk of mortality following clinical fractures. *Osteoporos Int.* 2000;11(7):556-61.
130. Sternfeld B, **Cauley J**, Harlow S, Liu G, Lee M. Assessment of physical activity with a single global question in a large, multiethnic sample of midlife women. *Am J Epidemiol.* 2000;152(7):678-87.
131. Phipps KR, Orwoll ES, Mason JD, **Cauley JA**. Community water fluoridation, bone mineral density and fractures. *Br Med J.* 2000;321(7265):860-4.
132. Chen P, Ratcliff G, Belle SH, **Cauley JA**, DeKosky ST, Ganguli M. Cognitive tests that best discriminate between presymptomatic AD and those who remain nondemented. *Neurology.* 2000;55(12):1847-53. \*
133. Salamone LM, Fuerst T, Visser M, Kern M, Lang T, Dockrell M, **Cauley JA**, Nevitt M, Tylavsky F, Lohman TG. Measurement of fat mass using DEXA: a validation study in elderly adults. *J Appl Physiol.* 2000;89(1):345-52. \*
134. Diessel E, Fuerst T, Njeh CF, Tylavsky F, **Cauley J**, Dockrell M, Genant HK. Evaluation of a new body composition phantom for quality control and cross-calibration of DXA devices. *J Appl Physiol.* 2000;89(2):599-605.
135. Harris TB, Visser M, Everhart J, **Cauley J**, Tylavsky F, Fuerst T, Zamboni M, Taaffe D, Resnick HE, Scherzinger A, Nevitt M. Waist circumference and sagittal diameter reflect total body fat better than visceral fat in older men and women. The Health, Aging and Body Composition Study. *Ann N Y Acad Sci.* 2000;904:462-73.
136. Tylavsky FA, Fuerst T, Nevitt M, Dockrell M, Wan JY, **Cauley J**, Harris T. Measurement of changes in soft tissue mass and fat mass with weight change: pencil-versus fan-beam dual-energy X-ray absorptiometry. Health ABC Study. *Ann N Y Acad Sci.* 2000;904:94-7.



137. Simon JA, Hsia J, **Cauley JA**, Richards C, Harris F, Fong J, Barrett-Connor E, Hulley SB. Postmenopausal hormone therapy and risk of stroke: The Heart & Estrogen-progestin Replacement Study (HERS). *Circulation*. 2001;103(5):638-42.
138. Carlson CL, Cushman M, Enright PL, **Cauley JA**, Newman AB; Cardiovascular Health Study Research Group. Hormone replacement therapy is associated with higher FEV1 in elderly women. *Am J Respir Crit Care Med*. 2001;163(2): 423-8.
139. **Cauley JA**, Norton L, Lippman ME, Eckert S, Krueger KA, Purdie DW, Farrerons J, Karasik A, Mellstrom D, Ng KW, Stepan JJ, Powles TJ, Morrow M, Costa A, Silfen SL, Walls EL, Schmitt H, Muchmore DB, Jordan VC, Ste-Marie LG. Continued breast cancer risk reduction in postmenopausal women treated with raloxifene: 4-year results from the MORE trial. *Breast Cancer Res Treat*. 2001;65(2):125-34.
140. Schwartz AV, Sellmeyer DE, Ensrud KE, **Cauley JA**, Tabor HK, Schreiner PJ, Jamal SA, Black DM, Cummings SR; Study of Osteoporotic Fractures Research Group. Older women with diabetes have an increased risk of fracture: a prospective study. *J Clin Endocrinol Metab* 2001;86(1):32-8.
141. **Cauley JA**, Black DM, Barrett-Connor E, Harris F, Shields K, Applegate W, Cummings SR. Effects of hormone replacement therapy on clinical fractures and height loss: The Heart and Estrogen/Progestin Replacement Study (HERS). *Am J Med*. 2001;110(6):442-50.
142. Zmuda JM, **Cauley JA**, Ljung BM, Bauer DC, Cummings SR, Kuller LH; Study of Osteoporotic Fractures Research Group. Bone mass and breast cancer risk in older women: differences by stage at diagnosis. *J Natl Cancer Inst*. 2001;93(12):930-6. \*
143. Lippman ME, Krueger KA, Eckert S, Sashegyi A, Walls EL, Jamal S, **Cauley JA**, Cummings SR. Indicators of lifetime estrogen exposure: effect on breast cancer incidence and interaction with raloxifene therapy in the multiple outcomes of raloxifene evaluation study participants. *J Clin Oncol*. 2001;19(12):3111-6.
144. Ziv E, **Cauley J**, Morin PA, Saiz R, Browner WS. Association between the T29→C polymorphism in the transforming growth factor beta1 gene and breast cancer among elderly white women: The Study of Osteoporotic Fractures. *JAMA*. 2001;285(22):2859-63.
145. Zmuda JM, **Cauley JA**, Kuller LH, Ferrell RE. A common promoter variant in the cytochrome P450c17alpha men. *J Bone Miner Res*. 2001;16(5):911-7. \* □(C)
146. Buist DS, LaCroix AZ, Barlow WE, White E, **Cauley JA**, Bauer DC, Weiss NS. Bone mineral density and endogenous hormones and risk of breast cancer in postmenopausal women (United States). *Cancer Causes Control*. 2001;12(3):213-22.
147. Taaffe DR, **Cauley JA**, Danielson M, Nevitt MC, Lang TF, Bauer DC, Harris TB. Race and sex effects on the association between muscle strength, soft tissue, and bone mineral density in healthy elders: the Health, Aging, and Body Composition Study. *J Bone Miner Res*. 2001;16(7):1343-52.
148. Chen P, Ratcliff G, Belle SH, **Cauley JA**, DeKosky ST, Ganguli M. Patterns of cognitive decline in presymptomatic Alzheimer disease: a prospective community study. *Arch Gen Psychiatry*. 2001;58(9):853-8. \*
149. Simon JA, Hunninhake D, Agarwal SK, Lin F, **Cauley JA**, Pickar J. Effect of estrogen plus progestin on risk of biliary tract surgery: the Heart & Estrogen-progestin Replacement Study (HERS). *Ann Intern Med*. 2001;135(7):493-501.
150. Musgrave DS, Vogt MT, Nevitt MC, **Cauley JA**. Back problems among postmenopausal women taking estrogen replacement therapy. The Study of Osteoporotic Fractures. *Spine*, 2001;26(14):1606-12.

151. Modugno F, Weissfeld JL, Trump DL, Zmuda JM, Shea P, **Cauley JA**, Ferrell RE. Allelic variants of aromatase and the androgen and estrogen receptors: towards a multigenic model of prostate cancer risk. *Clin Cancer Res*. 2001. 7(10):3092-6.
152. Walsh JM, Pressman AR, **Cauley JA**, Browner WS. Predictors of physical activity in community-dwelling elderly white women. *J Gen Intern Med*. 2001;16(11):721-7.
153. **Cauley JA**, Zmuda JM, Ensrud KE, Bauer DC, Ettinger B; Study of Osteoporotic Fractures Research Group. Timing of estrogen replacement therapy for optimal osteoporosis prevention. *J Clin Endocrinol Met*. 2001;86(12):5700-05.
154. Zborowski JV, Talbott EO, **Cauley JA**. Polycystic ovary syndrome, androgen excess, and the impact on bone. *Obstet Gynecol Clin North Am*. 2001;(1):135-51, vii-viii. \*
155. Robbins J, Hirsch C, Whitmer R, **Cauley J**, Harris T. The association of bone mineral density and depression in an older population. *J Am Geriatr Soc*. 2001;49(6):732-6.
156. Vogt MT, **Cauley JA**, Stone K, Williams JR, Herndon JH. Distal radius fracture among elderly women: a 10 year follow-up study of descriptive characteristics and risk factors. The study of osteoporotic fractures. *J Am Geriatr Soc*. 2002;50(1):97-103.
157. **Cauley JA**. The determinants of fracture in men. *J Musculoskelet Neuronal Interact*. 2002;2(3):220-1.
158. Yaffe K, Lui LY, Zmuda J, **Cauley J**. Sex hormones and cognitive function in older men. *J Am Geriatr Soc*. 2002;50(4):707-12.
159. Golden SH, Maguire A, Ding J, Crouse JR, **Cauley JA**, Zacur H, Szklo M. Endogenous postmenopausal hormones and carotid atherosclerosis: a case-control study of the atherosclerosis risk in communities cohort. *Am J Epidemiol*. 2002;155(5):437-45.
160. Ness RB, **Cauley JA**, Kuller LH. Estrogen-replacement therapy after ischemic stroke. *N Engl J Med*. 2002;346(12):942-3.
161. Margolis KL, Kerani RP, McGovern P, Songer T, **Cauley JA**, Ensrud KE; Study of Osteoporotic Fractures Research Group. Risk factors for motor vehicle crashes in older women. *J Gerontol A Biol Sci Med Sci*. 2002;57(3):M186-91.
162. Cummings SR, Duong T, Kenyon E, **Cauley JA**, Whitehead M, Krueger KA; Multiple Outcomes of Raloxifene Evaluation (MORE) Trial. Serum estradiol and risk of breast cancer during treatment with raloxifene. *JAMA*. 2002;287(2):216-20.
163. Gregg EW, Mangione CM, **Cauley JA**, Thompson TJ, Schwartz AV, Ensrud KE, Nevitt MC; Study of Osteoporotic Fractures. Diabetes and incidence of functional disability in older women. *Diabetes Care*. 2002;25(1):61-7. \*
164. Key T. Endogenous Hormone and Breast Cancer Collaborative Group. Endogenous sex hormones and breast cancer in postmenopausal women: reanalysis of nine prospective studies. *J Natl Cancer Inst*. 2002;94:606-16.
165. Bauer DC, Bauer DC, Palermo L, Black D, **Cauley JA**. Study of Osteoporotic Fractures Research Group: Universities of California (San Francisco), Pittsburgh, Minnesota (Minneapolis), and Kaiser Center for Health Research, Portland. Quantitative ultrasound and mortality: a prospective study. *Osteoporos Int*. 2002;13(8):606-12.
166. Barnabei VM, Grady D, Stovall DW, **Cauley JA**, Lin F, Stuenkel CA, Stefanick ML, Pickar JH. Menopausal symptoms in older women and the effects of treatment with hormone therapy. *Obstet Gynecol*. 2002;100(6):1209-18.

167. Nelson HD, Rizzo J, Harris E, **Cauley J**, Ensrud K, Bauer DC, Orwoll E; Study of Osteoporotic Fractures Research Group. Osteoporosis and fractures in postmenopausal women using estrogen. *Arch Intern Med.* 2002;162(20):2278-84.
168. Schwartz AV, Hillier TA, Sellmeyer DE, Resnick HE, Gregg E, Ensrud KE, Schreiner PJ, Margolis KL, **Cauley JA**, Nevitt MC, Black DM, Cummings SR. Older women with diabetes have a higher risk of falls: a prospective study. *Diabetes Care.* 2002; 25(10):1749-54.
169. Hulley S, Furberg C, Barrett-Connor E, **Cauley J**, Grady D, Haskell W, Knopp R, Lowery M, Satterfield S, Schrott H, Vittinghoff E, Hunninghake D. Noncardiovascular disease outcomes during 6.8 years of hormone therapy: Heart and Estrogen/progestin Replacement Study follow-up (HERS II). *JAMA.* 2002;288(1):58-66.
170. Snijder MB, Visser M, Dekker JM, Seidell JC, Fuerst T, Tylavsky F, **Cauley J**, Lang T, Nevitt M, Harris TB. The prediction of visceral fat by dual-energy X-ray absorptiometry in the elderly: a comparison with computed tomography and anthropometry. *Int J Obes Relat Metab Disord.* 2002;26(7):984-93.
171. Finkelstein JS, Sowers M, Greendale GA, Lee ML, Neer RM, **Cauley JA**, Ettinger B. Ethnic variation in bone turnover in pre- and early perimenopausal women: effects of anthropometric and lifestyle factors. *J Clin Endocrinol Metab.* 2002;87(7):3051-6.
172. Finkelstein JS, Lee ML, Sowers M, Ettinger B, Neer RM, Kelsey JL, **Cauley JA**, Huang MH, Greendale GA. Ethnic variation in bone density in premenopausal and early perimenopausal women: effects of anthropometric and lifestyle factors. *J Clin Endocrinol Metab.* 2002;87(7):3057-67.
173. Visser M, Pahor M, Tylavsky F, Kritchevsky SB, **Cauley JA**, Newman AB, Blunt BA, Harris TB. One- and two-year change in body composition as measured by DXA in a population-based cohort of older men and women. *J Appl Physiol.* 2003;94(6):2368-74.
174. Kanaya AM, Herrington D, Vittinghoff E, Lin F, Grady D, Bittner V, **Cauley JA**, Barrett-Connor E; Heart and Estrogen/progestin Replacement Study. Glycemic effects of postmenopausal hormone therapy: the Heart and Estrogen/progestin Replacement Study. A randomized, double-blind, placebo-controlled trial. *Ann Intern Med.* 2003;138(1): 1-9.
175. Lui LL, Stone K, **Cauley JA**, Hillier T, Yaffe K. Bone loss predicts subsequent cognitive decline in older women: the Study of Osteoporotic Fractures. *J Am Geriatr Soc.* 2003;51(1):38-43.
176. Hasselman CT, Vogt MT, Stone KL, **Cauley JA**, Conti SF. Foot and ankle fractures in elderly white women. Incidence and risk factors. *J Bone & Joint Surgery.* 2003;85-A(5), 820-4.
177. Modugno F, Ness RB, Ewing S, **Cauley JA**. The effects of raloxifene on sexual function in older postmenopausal women with osteoporosis. *Obstet Gynecol.* 2003;101(2):353-61.
178. Ziv E, Kahn A, **Cauley J**, Morin P, Saiz R, Browner W. No association between the TGF-beta 1 Leu10Pro polymorphism and osteoporosis among white women in the United States. *Am J Med.* 2003;114(3):227-31.
179. Sowers MR, Finkelstein JS, Ettinger B, Bondarenko I, Neer RM, **Cauley JA**, Sherman S, Greendale GA; Study of Women's Health Across the Nation. The association of endogenous hormone concentrations and bone mineral density measures in pre- and perimenopausal women of four ethnic groups: SWAN. *Osteoporos Int.* 2003;14(1):44-52.
180. Tylavsky FA, Lohman TG, Dockrell M, Lang T, Schoeller DA, Wan JY, Fuerst T, **Cauley JA**, Nevitt M, Harris TB. Comparison of the effectiveness of 2 dual-energy X-ray absorptiometers with that of total body water and computed tomography in assessing changes in body composition during weight change. *Am J Clin Nutr.* 2003;77(2):356-63.

181. Tylavsky F, Lohman T, Blunt BA, Schoeller DA, Fuerst T, **Cauley JA**, Nevitt MC, Visser M, Harris TB. QDR 4500 A DXA overestimates fat-free mass compared with criterion methods. *J Appl Physiol.* 2003;94(3):959-65.
182. Sowers MR, Greendale GA, Bondarenko I, Finkelstein JS, **Cauley JA**, Neer RM, Ettinger B. Endogenous hormones and bone turnover markers in pre- and perimenopausal women: SWAN. *Osteoporos Int.* 2003;14(3):191-7.
183. de Rekeneire N, Visser M, Peila R, Nevitt MC, **Cauley JA**, Tylavsky FA, Simonsick EM, Harris TB. Is a fall just a fall: correlates of falling in healthy older persons: The Health, Aging and Body Composition Study. *J Am Geriatr Soc.* 2003;51(6):841-6.
184. Gregg EW, **Cauley JA**, Stone K, Thompson TJ, Bauer DC, Cummings SR, Ensrud E; Study of Osteoporotic Fractures Research Group. Relationship of changes in physical activity to mortality among older women. *JAMA.* 2003;289(18):2379-86. \*
185. Hillier TA, Rizzo JH, Pedula KL, Stone KL, **Cauley JA**, Bauer DC, Cummings SR. Nulliparity and fracture risk in older women: the Study of Osteoporotic Fractures. *J Bone Miner Res.* 2003;18(5):893-9.
186. Zmuda JM, **Cauley JA**, Danielson ME, Ferrell RE. Vitamin D receptor and aromatase gene interaction and bone mass in older African-American women. *Metabolism.* 2003;52(5):521-3. \*
187. Jackson RD, LaCroix AZ, **Cauley JA**, McGowan J. The Women's Health Initiative Calcium-Vitamin D Trial: Overview and baseline characteristics of participants. *Ann Epidemiol.* 2003;13(9 Suppl):S98-106.
188. Sowers M, Crawford SL, **Cauley JA**, Stein E. Association of lipoprotein(a), insulin resistance, and reproductive hormones in a multiethnic cohort of pre- and perimenopausal women (The SWAN Study). *Am J Cardiol.* 2003;92(5):533-7.
189. Key TJ, Appleby PN, Reeves GK, Roddam A, Dorgan JF, Longcope C, Stanczyk FZ, Stephenson HE Jr., Falk RT, Miller R, Schatzkin A, Allen DS, Fentiman IS, Wang DY, Dowsett M, Thomas HV, Hankinson SE, Toniolo P, Akhmedkhanov A, Koenig K, Shore RE, Zeleniuch-Jacquotte A, Berrino F, Muti P, Micheli A, Krogh V, Sieri S, Pala V, Venturelli E, Secreto G, Barrett-Connor E, Laughlin GA, Kabuto M, Akiba S, Stevens RG, Neriishi K, Land CE, **Cauley JA**, Kuller LH, Cummings SR, Helzlsouer KJ, Alberg AJ, Bush TL, Comstock GW, Gordon GB, Miller SR, Longcope C; Endogenous Hormones Breast Cancer Collaborative Group. Body mass index, serum sex hormones, and breast cancer risk in postmenopausal women. *J Natl Cancer Inst.* 2003;95(16): 1218-26.
190. LaCroix AZ, **Cauley JA**, Pettinger M, Hsia J, Bauer DC, McGowan J, Chen Z, Lewis CE, McNeeley SG, Passaro MD, Jackson RD. Statin use, clinical fracture, and bone density in postmenopausal women: results from the Women's Health Initiative Observational Study. *Ann Intern Med.* 2003;139(2):97-104.
191. Rutledge T, Matthews K, Lui L, Stone KL, **Cauley JA**. Social networks and marital status predict mortality in older women: prospective evidence from The Study of Osteoporotic Fractures (SOF). *Psychosom Medicine* 2003; 65:688-694. \*
192. Taaffe DR, Lang TF, Fuerst T, **Cauley JA**, Nevitt MC, Harris TB. Sex- and race-related differences in cross-sectional geometry and bone density of the femoral mid-shaft in older adults. *Ann Hum Biol.* 2003;30(3):329-46.
193. Stone KL, Seeley DG, Lui LY, **Cauley JA**, Ensrud K, Browner WS, Nevitt MC, Cummings SR; Osteoporotic Fractures Research Group. BMD at multiple sites and risk of fracture of multiple types: long-term results from the Study of Osteoporotic Fractures. *J Bone Miner Res.* 2003;18(11):1947-54.
194. **Cauley JA**, Zmuda JM, Lui LY, Hillier TA, Ness RB, Stone KL, Cummings SR, Bauer DC. Lipid lowering drug use and breast cancer in older women: a prospective study. *J Women's Health (Larchmt).* 2003;12(8):749-56.

195. Yaffe K, Edwards ER, Lui LY, Zmuda JM, Ferrell RE, **Cauley JA**. Androgen receptor CAG repeat polymorphism is associated with cognitive function in older men. *Biol Psychiatry*, 2003;54(9):943-6.
196. Carbone LD, Tylavsky FA, **Cauley JA**, Harris TB, Lang TF, Bauer DC, Barrow KD, Kritchevsky SB. Association between bone mineral density and the use of nonsteroidal anti-inflammatory drugs and aspirin: the impact of cyclooxygenase selectivity. *J Bone Miner Res*. 2003;18(10):1795-802.
197. **Cauley JA**, Robbins J, Chen Z, Cummings SR, Jackson RD, LaCroix AZ, LeBoff M, Lewis CE, McGowan J, Neuner J, Pettinger M, Stefanick ML, Wactawski-Wende J, Watts NB; Women's Health Initiative Investigators. Effects of estrogen plus progestin on the risk of fracture in bone mineral density: The Women's Health Initiative randomized trial. *JAMA*. 2003;290(13):1729-38.
198. **Cauley JA**, Zmuda JM, Danielson ME, Ljung BM, Bauer DC, Cummings SR, Kuller LH. Estrogen metabolites and the risk of breast cancer in older women. *Epidemiology*. 2003;14(6):740-4.
199. George SZ, Hicks GE, Nevitt MA, **Cauley JA**, Vogt MT. The relationship between lumbar lordosis and radiologic variables and lumbar lordosis and clinical variables in elderly, African-American women. *J Spinal Disord Tech*. 2003;16(2):200-6.
200. Faulkner KA, **Cauley JA**, Zmuda JM, Griffin JM, Nevitt MC. Is social integration associated with the risk of falling in older community-dwelling women? *J Gerontol A Biol Sci Med Sci*. 2003;58(10):M954-9. \*
201. Vogt MT, Rubin DA, Palermo L, Christianson L, Kang JD, Nevitt MC, **Cauley JA**. Lumbar spine listhesis in older African-American women. *Spine J*. 2003;3(4):255-61.
202. Taaffe DR, Simonsick EM, Visser M, Volpato S, Nevitt MC, **Cauley JA**, Tylavsky FA, Harris TB; Health ABC Study. Lower extremity physical performance and hip bone mineral density in elderly black and white men and women: cross-sectional associations in the Health ABC Study. *J Gerontol A Biol Sci Med Sci*. 2003;58(10):M934-42.
203. Ensrud KE, Ewing SK, Stone KL, **Cauley JA**, Bowman PJ, Cummings SR; Study of Osteoporotic Fractures Research Group. Intentional and unintentional weight loss increase bone loss and hip fracture risk in older women. *J Am Geriatr Soc*. 2003;51(12):1740-7.
204. Roth SM, Zmuda JM, **Cauley JA**, Shea PR, Ferrel RE. Vitamin D receptor genotype is associated with fat-free mass and sarcopenia in elderly men. *J Gerontol A Biol Sci Med Sci*. 2004;59(1):10-5.
205. Bauer DC, Mundy GR, Jamal SA, Black DM, **Cauley JA**, Ensrud KE, van der Klift M, Pols HA. Use of statins and fracture: results of 4 prospective studies and cumulative meta-analysis of observational studies and controlled trials. *Arch Intern Med*. 2004;164(2):146-52.
206. Hillier TA, Rizzo JH, Pedula KL, Stone KL, **Cauley JA**, Bauer DC, Cummings SR. Reply Nulliparity and Osteoporotic fracture Risk. *J Bone Miner Res*. 2004;19(2):339.
207. Whooley MA, **Cauley JA**, Zmuda JM, Haney EM, Glynn NW. Depressive symptoms and bone mineral density in older men. *J Geriatr Psychiatry Neurol*. 2004;17(2):88-92.
208. Ness RB, **Cauley JA**. Antibiotics and breast cancer...what's the meaning of this? *JAMA*. 2004;291(7):880-1.
209. Hilner BE, Ingle JN, Chelbowski RT, Garlow J, Yee GC, Janjan NA, **Cauley JA**, Blumenstein BA, Albain KS, Lipton A, Brown S; American Society of Clinical Oncology. American Society of Clinical Oncology 2003 update on the role of bisphosphonates and bone health issues in women with breast cancer. *J Clin Oncol*. 2003;21(21):4042-57.
210. Jacob AC, Zmuda JM, **Cauley JA**, Metter EJ, Hurley BF, Ferrell RE, Roth SM. Ciliary neurotrophic factor (CNTF) genotype and body composition. *Eur J Hum Genet*. 2004;12(5):372-6.

211. **Cauley JA**, Zmuda JM, Wisniewski SR, Krishnaswami S, Palermo L, Stone KL, Black DM, Nevitt MC. Bone Mineral Density and Prevalent Vertebral Fractures in Men and Women. *Osteoporos Int*. 2004;15(1):32-7.
212. Coleman AL, Stone K, Ewing SK, Nevitt M, Cummings S, **Cauley JA**, Ensrud KE, Harris EL, Hochberg MC, Mangione CM. Higher risk of multiple falls among elderly women who lose visual acuity. *Ophthalmology*. 2004;1(5):857-62.
213. McClung MR, Wasnich RD, Recker R, **Cauley JA**, Chesnut CH III, Ensrud KE, Burdeska A, Mills T; Oral Ibandronate Study Group. Oral daily ibandronate prevents bone loss in early postmenopausal women without osteoporosis. *J Bone Miner Res*. 2004;19(1):11-8.
214. Purchase-Helzner EL, **Cauley JA**, Faulkner KA, Pratt S, Zmuda JM, Talbott EO, Hochberg MC, Stone K, Newman A. Hearing sensitivity, falls and fracture in older women: The Study of Osteoporotic Fractures. *Ann Epidemiol*. 2004;14(5):311-8. \*
215. Strotmeyer ES, **Cauley JA**, Schwartz AV, Nevitt MC, Resnick HE, Zmuda JM, Bauer DC, Tylavsky FA, De Rekeneire N, Harris TB, Newman AB; Health ABC Study. Diabetes is associated independently of body composition with bone mineral density and bone volume in older white and black men and women: The Health, Aging, and Body Composition Study. *J Bone Miner Res*. 2004;19(7):1084-91. \*
216. Chen Z, Kooperberg C, Pettinger MB, Bassford T, **Cauley JA**, LaCroix AZ, Lewis CE, Kipersztok S, Borne MC, Jackson RD. Validity of self-report for fractures among multiethnic cohort of postmenopausal women: results from the Women's Health Initiative observational study and clinical trials. *Menopause*. 2004;11(3):264-74.
217. Jones DL, **Cauley JA**, Kriska AM, Wisniewski SR, Irrgang JJ, Heck DA, Kwok CK, Crossett LS. Physical activity and the risk of revision total knee arthroplasty in individuals with osteoarthritis of the knee: a matched case-control study. *J Rheumatol*. 2004;31(7):1384-90. \*
218. Johnell O., **Cauley JA**, Kulkarni P, Wong M, Stock JL. Raloxifene reduces risk of vertebral fractures in postmenopausal women regardless of prior hormone therapy. *J Fam Pract*. 2004;53(10):789-96.
219. Barrett-Connor E, **Cauley JA**, Kulkarni PM, Sashegyi A, Cox DA, Geiger MJ. Risk-benefit profile for raloxifene: 4-year data From the Multiple Outcomes of Raloxifene Evaluation (MORE) randomized trial. *J Bone Miner Res*. 2004;19(8):1270-5.
220. Robbins J, Hirsch C, **Cauley J**. Associates of Bone Mineral Density in Older African Americans. *J Natl Med Assoc*. 2004;96(12):1609-15.
221. Moffett SP, Zmuda JM, **Cauley JA**, Stone KL, Nevitt MC, Ensrud KE, Hillier TA, Hochberg MC, Joslyn G, Morin P, Cummings SR; SOF Research Group. Association of the G-174C variant in the interleukin-6 promoter region with bone loss and fracture risk in older women. *J Bone Miner Res*. 2004;19(10):1612-8. \*
222. **Cauley JA**. Osteoporosis: a worldwide disease. *Medicographia*, 2004. 26(3): 215-220.
223. Martino S, **Cauley JA**, Barrett-Connor E, Powles TJ, Mershon J, Disch D, Secrest RJ, Cummings SR; CORE Investigators. Continuing outcomes relevant to Evista: breast cancer incidence in postmenopausal osteoporotic women in a randomized trial of raloxifene. *J Natl Cancer Inst*. 2004;96(23):1751-61.
224. Walsh S, Zmuda JM, **Cauley JA**, Shea PR, Metter EJ, Hurley BF, Ferrell RE, Roth SM. Androgen receptor CAG repeat polymorphism is associated with fat-free mass in men. *J Appl Physiol*. 2005;98(1):132-7.
225. **Cauley JA**, Lui LY, Stone KL, Hillier TA, Hochberg M, Beck TJ, Ensrud KE. Longitudinal study of changes in hip bone mineral density in Caucasian and African-American women. *J Am Geriatr Soc*. 2005;53(2):183-9.

226. Nevitt MC, Cummings SR, Stone KL, Palermo L, Black DM, Bauer DC, Genant HK, Hochberg MC, Ensrud KE, Hillier TA, **Cauley JA**. Risk factors for a first-incident radiographic vertebral fracture in women  $\geq$  65 years of age: The Study of Osteoporotic Fractures. *J Bone Miner Res*. 2005;20(1):131-40.
227. Schwartz AV, Sellmeyer DE, Strotmeyer ES, Tylavsky FA, Feingold KR, Resnick HE, Shorr RI, Nevitt MC, Black DM, **Cauley JA**, Cummings SR, Harris TB; Health ABC Study. Diabetes and bone loss at the hip in older black and white adults. *J Bone Miner Res*. 2005;20(4):596-603.
228. Mudali S, Dobs AS, Ding J, **Cauley JA**, Szklo M, Golden SH; Artherosclerosis Risk in Communities Study. Endogenous Post-menopausal hormones and serum lipids: The Atherosclerosis Risk in Communities Study. *J Clin Endocrinol Metab*. 2005;90(2):1202-9.
229. **Cauley JA**, Lui LY, Ensrud KE, Zmuda JM, Stone KL, Hochberg MC, Cummings SR. Bone mineral density and the risk of incident nonspinal fractures in black and white women. *JAMA*. 2005;293(17):2102-8.
230. Modugno F, Zmuda JM, Potter D, Cai C, Ziv E, Cummings SR, Stone KL, Morin PA, Greene D, **Cauley JA**. Association of estrogen receptor alpha polymorphisms with breast cancer risk in older Caucasian women. *Int J Cancer*. 2005;116(6):984-91.
231. Ensrud KE, Fullman KL, Barrett-Connor E, **Cauley JA**, Stefanick M, Fink HA, Lewis CE, Orwoll E; Osteoporotic Fractures in Men Study Research Group. Voluntary weight reduction in older men increases hip bone loss: the osteoporotic fractures in men study. *J Clin Endocrinol Metab*. 2005;90(4):1998-2004.
232. Antonucci DM, Sellmeyer DE, **Cauley JA**, Ensrud KE, Schneider JL, Vesco KK, Cummings SR, Melton LJ 3<sup>rd</sup>; Study of Osteoporotic Fracture Research Group. Postmenopausal bilateral oophorectomy is not associated with increased fracture risk in older women. *J Bone Miner Res*. 2005;20(5):741-7.
233. Wainwright SA, Marshall LM, Ensrud KE, **Cauley JA**, Black DM, Hillier TA, Hochberg MC, Vogt MT, Orwoll ES; Study of Osteoporotic Fractures Research Group. Hip fracture in women without osteoporosis. *J Clin Endocrinol Metab*. 2005;90(5):2787-93.
234. Kanaya A, Herrington D, Vittinghoff E, Lin F, Bittner V, **Cauley JA**, Hulley S, Barrett-Connor E. Impaired fasting glucose and cardiovascular outcomes in postmenopausal women with coronary artery disease. *Ann Intern Med*. 2005;142(10):813-20.
235. Wolf R, **Cauley JA**, Pettinger M, Jackson R, LaCroix A, LeBoff MS, Lewis CE, Nevitt MC, Simon JA, Stone KL, Wactawski-Wende J. Lack of a relation between vitamin and mineral antioxidants and bone mineral density: Results from the Women's Health Initiative. *Am J Clin Nutr*. 2005;82(3):581-8. \*
236. **Cauley JA**, Fullman RL, Stone KL, Zmuda JM, Bauer DC, Barrett-Connor E, Ensrud K, Lau EM, Orwoll ES; MrOS Research Group. Factors associated with lumbar spine and proximal femur bone mineral density in older men. *Osteoporos Int*. 2005;16(12):1525-37.
237. Cummings SR, Lee JS, Lui LL, Stone KL, Ljung BM, Tice JA, **Cauley JA**. Sex hormones, risk factors, and risk of estrogen receptor-positive breast cancer in older women: a long-term prospective study. *Cancer Epidemiol Biomarker Prev*. 2005;14(5):1047-51.
238. Moffett SP, Zmuda JM, Oakley JI, Beck TJ, **Cauley JA**, Stone KL, Lui LY, Ensrud KE, Hillier TA, Hochberg MC, Morin P, Peltz G, Greene D, Cummings SR. Tumor necrosis factor alpha polymorphism, bone strength phenotypes, and the risk of fracture in older women. *J Clin Endocrinol Metab*. 2005;90(6):3491-7.
239. Forrest KYZ, Zmuda JM, **Cauley JA**. Patterns and correlates of muscle strength loss in older women: *Gerontology*. 2005;8(3-4):151-156. \*

240. Hochberg MC, Thompson DE, Black DM, Quandt SA, **Cauley J**, Geusens P, Ross PD, Baran D, for the FIT Research Group. Effect of Alendronate on the age-specific incidence of symptomatic osteoporotic fractures. *J Bone Miner Res.* 2005;20(6):971-6.
241. Helzner EP, **Cauley JA**, Pratt SR, Wisniewski SR, Talbott EO, Zmuda JM, Harris TB, Rubin SM, Taaffe DR, Tylavsky FA, Newman AB. Hearing sensitivity and bone mineral density in older adults: the Health, Aging and Body Composition Study. *Osteoporos Int.* 2005;16(12):1675-82. \*
242. Chen Z, Bassford T, Green SB, **Cauley JA**, Jackson RD, LaCroix AZ, Leboff M, Stefanick ML, Margolis KL. Postmenopausal hormone therapy and body composition – a substudy of the estrogen plus progestin trial of The Women’s Health Initiative. *Am J Clin Nutr* 2005;82(3):651-6.
243. Storti KL, Brach JS, FitzGerald SJ, Zmuda JM, **Cauley JA**, Kriska AM. Physical activity and decreased risk of clinical gallstone disease among post-menopausal women. *Prev Med.* 2005; 41(3-4):772-7. \*
244. Fink HA, Kuskowski MA, Orwoll ES, **Cauley JA**, Ensrud KE. Association of Parkinson’s Disease with low bone density and falls in older men: The Osteoporotic Fractures in Men Study (MROS). *J Am Geriatr Soc.* 2005;53(9):1559-64.
245. Hillier TA, Rizzo JH, Pedula KL, **Cauley JA**, Schwartz AV, Ensrud KE, Browner WS. Increased mortality associated with metabolic syndrome in older women with diabetes. *Diabetes Care.* 2005;28(9):2258-60.
246. Strotmeyer ES, **Cauley JA**, Schwartz AV, Nevitt MC, Resnick HE, Bauer DC, Tylavsky FA, de Rekeneire N, Harris TB, Newman AB. Nontraumatic fracture risk with diabetes mellitus and impaired fasting glucose in older white and black adults: The Health, Aging, and Body Composition Study. *Arch Intern Med.* 2005;165(14):1612-7. \*
247. Faulkner KA, **Cauley JA**, Zmuda JM, Landsittel DP, Nevitt MC, Newman AB, Studenski SA, Redfern MS. Ethnic differences in the frequency and circumstances of falling in older community-dwelling women. *J Am Geriatr Soc.* 2005;53(10):1774-9. \*
248. Elkins JS, Yaffe K, **Cauley JA**, Fink HA, Hillier TA, Johnston SC. Pre-existing hypertension and the impact of stroke on cognitive function. *Ann Neurol.* 2005;58(1):68-74.
249. Lim LS, Fink HA, Kuskowski MA, **Cauley JA**, Ensrud KE. Diuretic use and bone mineral density in older USA men: the osteoporotic fractures in men (MrOS) study. *Age Ageing.* 2005; 34(5):504-7.
250. Ryder KM, Shorr RI, Bush AJ, Kritchevsky SB, Harris T, Stone K, **Cauley J**, Tylavsky FA. Magnesium intake from food and supplements is associated with bone mineral density in healthy older white subjects. *J Am Geriatr Soc.* 2005;53(11):1875-80.
251. Fink HA, Milavetz DL, Palermo L, Nevitt MC, **Cauley JA**, Genant HK, Black DM, Ensrud KE; Fracture Intervention Trial Research Group. What proportion of incident radiographic vertebral deformities is clinically diagnosed and vice versa? *J Bone Miner Res.* 2005; 20(7):1216-22.
252. Forrest KYZ, Zmuda JM, **Cauley JA**. Patterns and determinants of muscle strength change with aging in older men. *Aging Male.* 2005;8(3-4): 151-6. \*
253. Helzner EP, **Cauley JA**, Pratt SR, Wisniewski SR, Zmuda JM, Talbott EO, de Rekeniere N, Harris TB, Rubin SM, Simonsick EM, Tylavsky FA, Newman AB. Race and sex differences in age-related hearing loss: The Health, Aging and Body Composition Study. *J Am Geriatr Soc.* 2005; 53(12):2119-27. \*
254. Faulkner KA, Redfern MS, Rosano C, Landsittel DP, Studentski SA, **Cauley JA**, Zmuda JM, Simonsick EM, Kritchevsky SB, Newman AB. Reciprocal influence of concurrent walking and cognitive testing on performance in older adults. *Gait Posture.* 2006 Oct;24(2):182-9. \*



255. Lau EM, Leung PC, Kwok T, Woo J, Lynn H, Orwoll E, Cummings S, **Cauley J**. The determinants of bone mineral density in Chinese men—results from Mr. Os (Hong Kong), the first cohort study on osteoporosis in Asian men. *Osteoporos Int*. 2006;17(2):297-303.
256. Jackson RD, LaCroix AZ, Gass M, Wallace RB, Robbins J, Lewis CE, Bassford T, Beresford SAA, Back HR, Blanchette P, Bonds DE, Brunner RL, Brzyski RG, Caan B, **Cauley JA**, Chlebowski RT, Cummings SR, Granek I, Hays J, Heiss G, Hendrix SL, Howard BV, Hsia J, Hubbell FA, Johnson KC, Judd H, Kotchen JM, Kuller LH, Langer RD, Lasser NL, Limacher MC, Ludlam S, Manson JE, Margolis KL, McGowan J, Ockene JK, O’Sullivan MJ, Phillips L, Prentice RL, Sarto EG, Stefanick ML, Van Horn L, Wactawski-Wende J, Whitlock E, Anderson GL, Assaf AR, Barad D; Women’s Health Initiative Investigators. Calcium plus Vitamin D Supplementation on Risk for Fractures. *N Engl J Med*. 2006;354 (7):669-83.
257. Sheu YT, Zmuda JM, **Cauley JA**, Moffett SP, Rosen CJ, Ishwad C, Ferrell RE. Nuclear receptor coactivator-3 alleles are associated with serum bioavailable testosterone, insulin-like growth factor-1, and vertebral bone mass in men. *J Clin Endocrinol Metab*. 2006;91(1):307-12.
258. Modugno F, Ngo DL, Allen GO, Kuller LH, Ness RB, Vogel VG, Costantino JP, **Cauley JA**. Breast cancer risk factors and mammographic breast density in women over age 70. *Breast Cancer Res Treat*. 2006;97(2):157-66.
259. Krebs EE, Taylor BC, **Cauley JA**, Stone KL, Bowman PJ, Ensrud KE. Measures of adiposity and risk of breast cancer in older postmenopausal women. *J Am Geriatr Soc*. 2006; 54(1):63-9.
260. Blackwell T, Yaffe K, Ancoli-Israel S, Schneider JL, **Cauley JA**, Hillier TA, Fink H, Stone KL, For The Study of Osteoporotic Fractures Group. Poor sleep is associated with impaired cognitive function in older women: The study of osteoporotic fractures. *J Gerontol A Biol Sci Med Sci*. 2006; 61(4):405-10.
261. Orwoll E, Lambert LC, Marshall LM, Phipps K, Blank J, Barrett-Connor E, **Cauley JA**, Ensrud K, Cummings S; for the Osteoporotic Fractures in Men (MrOS) Study. Testosterone and estradiol among older men. *J Clin Endocrinol Metab*. 2006;91(4):1336-44.
262. **Cauley JA**, McTiernan A, Rodabough RJ, LaCroix A, Bauer DC, Margolis KL, Paskett ED, Vitolins MZ, Furberg CD, Chlebowski RT; The Women’s Health Initiative Research Group. Statin use and breast cancer: Prospective Results from the Women’s Health Initiative. *J Natl Cancer Inst*. 2006;98(10):700-7.
263. Vogt MT, Cawthon PM, Kang JD, Donaldson WF, **Cauley JA**, Nevitt MC. Prevalence of symptoms of cervical and lumbar stenosis among participants in the Osteoporotic Fractures in Men Study. *Spine*. 2006;31(13):1445-51.
264. Zmuda JM, Modugno F, Weissfeld JL, **Cauley JA**, Trump DL, Moffett SP, Ferrell RE. Peroxisome Proliferator-Activated Receptor-gamma polymorphism, body mass and prostate cancer risk: Evidence for gene-environment interaction. *Oncology*. 2006;70(3):185-9.
265. Ensrud K, Lewis C, Lambert L, Taylor B, Howard F, Barrett-Connor E, **Cauley JA**, Stefanick M, Orwoll E. Endogenous sex steroids, weight change and rates of hip bone loss in older men: The MrOS Study. *Osteoporos Int*. 2006;17(9): 1329-36.
266. Faulkner KA, **Cauley JA**, Zmuda JM, Landsittel DP, Newman AB, Studenski SA, Redfern MS, Ensrud KE, Fink HA, Lane NE, Nevitt MC. Higher 1,25-dihydroxyvitamin D(3) concentrations associated with lower fall rates in older community-dwelling women. *Osteoporos Int*. 2006;17(9):1318-28. \*
267. Fink HA, Ewing SK, Ensrud KE, Barrett-Connor E, Taylor BC, **Cauley JA**, Orwoll ES. Association of testosterone and estradiol deficiency with osteoporosis and rapid bone loss in older men. *J Clin Endocrinol Metab*. 2006;91(10):3908-3915.

268. Fried LF, Shlipak MG, Stehman-Breen C, Mittalhenkle A, Seliger S, Sarnak M, Robbins J, Siscovick D, Harris TB, Newman AB, **Cauley JA**. Kidney function predicts the rate of bone loss in older individuals: The Cardiovascular Health Study". *J Gerontol A Biol Sci Med Sci*. 2006; 61(7): 743-8.
269. Lee JS, Ettinger B, Stanczyk FZ, Vittinghoff E, Hanes V, Chandler W, Settlage J, Beattie M, **Cauley JA**, Folkerd E, Dowsett M, Grady D, Cummings SR. Comparison of methods to measure low serum estradiol levels in postmenopausal women. *J Clin Endocrinol Metab* 2006;91(10):3791-7.
270. Stone KL, Ewing SK, Lui LY, Ensrud KE, Ancoli-Israel S, Bauer DC, **Cauley JA**, Hillier TA, Cummings SR. Self-reported sleep and nap habits and risk of falls and fractures in older women: the study of osteoporotic fractures. *J Am Geriatr Soc*. 2006;54(8):1177-83.
271. Farhat GN, Strotmeyer ES, Newman AB, Sutton-Tyrrell K, Bauer DC, Harris T, Johnson KC, Taffee D, **Cauley JA**. Volumetric and areal bone mineral density measures are associated with cardiovascular disease in older men and women: The Health Aging and Body Composition Study (Health ABC). *Calcif Tissue Int*. 2006;79(2):102-11. \*
272. Bunker CH, Zmuda JM, Patrick AL, Weissfeld JL, Kuller LH, **Cauley JA**. High bone density is associated with prostate cancer in older Afro-Caribbean Men: The Tobago Prostate Survey. *Cancer Causes Control* 2006;17(8):1083-9.
273. Orwoll E, Lambert LC, Marshall LM, Blank J, Barrett-Connor E, **Cauley JA**, Ensrud K, Cummings SR; Osteoporotic Fractures in Men Study Group. Endogenous testosterone levels, physical performance, and fall risk in older men. *Arch Intern Med* 2006;166(19):2124-31.
274. Lippman ME, Cummings, SR, Disch DP, Mershon JL, Dowsett SA, **Cauley JA**, Martino S. Effect of raloxifene on the incidence of invasive breast cancer in postmenopausal women with osteoporosis categorized by breast cancer risk. *Clin Cancer Res* 2006;12:5242-47.
275. Cummings SR, Cawthorn PM, Ensrud KE, **Cauley JA**, Fink HA, Orwoll ES for the Osteoporotic Fractures in Men (MrOS) and Study of Osteoporotic Fractures (SOF) Research Groups. BMD and risk of hip and nonvertebral fractures in older men: a prospective study and comparison with older women. *J Bone Miner Res* 2006;21:1500-56.
276. Hicks GE, George SZ, Nevitt MA, **Cauley JA**, Vogt MT. Measurement of lumbar lordosis: Inter-rater reliability, minimum detectable change and longitudinal variation. *J Spine Disord Tech* 2006;19(7):501-6.
277. Cawthon PM, Harrison SL, Barrett-Connor E, Fink HA, **Cauley JA**, Lewis CE, Orwoll ES, Cummings SR. Alcohol intake and its relation to bone mineral density, falls and fracture risk in older men. The MrOS Study. *J Am Geriatr Soc* 2006;54(11):1649-57.
278. Strotmeyer ES, **Cauley JA**, Schwartz AV, de Rekeneire N, Resnick HE, Zmuda JM, Shorr RI, Tylavsky FA, Vinik AI, Harris TB, Newman AB, for the Health ABC Study. 2006. Reduced peripheral nerve function is related to lower hip BMD and calcaneal QUS in older white and black adults: The Health, Aging and Body Composition Study. *J Bone Miner Res* 21:1803-1810. \*
279. Farhat GN, **Cauley JA**, Matthews KA, Newman AB, Johnston J, Mackey R, Edmundowicz D, Sutton-Tyrrell K. Volumetric bone mineral density and vascular calcification in middle-aged women: the Study of Women's Health Across the Nation. *J Bone Miner Res* 2006;21(12):1839-46. \*
280. Robbins J, Biggs ML, **Cauley JA**. Adjusted mortality after hip fracture; from the Cardiovascular Health Study. *J Am Ger Soc*.2006;54:1885-91.
281. Jones DL, Irrgang JJ, Kriska AM, Kwok CK, Pawar V, Lian Y, Crossett LS, **Cauley JA**. Physical activity as a predictor of long-term physical health status after total knee arthroplasty for osteoarthritis. *Osteoarthritis and Cartilage*. 2006;14(suppl B):S127-128. \*

282. Tice JA, Kanaya A, Hue Trisha, Rubin S, Buist DSM, LaCroix A, Lacey JV, **Cauley JA**, Litwack S, Brinton LA, Bauer DC. Risk factors for mortality in middle-aged women. *Arch Int Med* 2006;166:2469-77.
283. Forrest KYZ, Zmuda JM, **Cauley JA**. Correlates of decline in lower extremity performance in older women: a 10-year follow-up study. *J Gerontol A Biol Sci Med Sci* 2006;61(11):1194-200. \*
284. Black DM, Schwartz AV, Ensrud KE, **Cauley JA**, Levis S, Quandt SA, Satterfield S, Wallace RB, Bauer DC, Palermo L, Wehren LE, Lombardi A, Santora AC, Cummings SR for the FLEX Research Group. The effects of continuing or stopping alendronate after five years of treatment: results from the Fracture Intervention Trial Long-term Extension (FLEX). *JAMA* 2006;296:2927-38.
285. Hicks GE, George SZ, Nevitt MA, **Cauley JA**, Vogt MT. Measurement of Lumbar Lordosis: Inter-rater Reliability, Minimum Detectable Change and Longitudinal Variation. *J Spinal Disord Tech* 2006;19(7):501-06.
286. Fried LF, Biggs ML, Shlipak M, Seliger S, Kestenbaum B, Stehman-Breen C, Sarnak M, Siscovick D, Harris T, **Cauley JA**, Newman A, Robbins J. Association of kidney function with incident hip fracture in older adults. *J Am soc Nephrol* 2007;18(1):282-6
287. Forrest KYZ, Zmuda JM, **Cauley JA**. Patterns and correlates of muscle strength loss in older women. *J Gerontol Med Sci* 2007;53(3)3:140-7. \*
288. Ensrud KE, Lui LY, Taylor BC, Ishani A, Shlipak MG, Stone KL, **Cauley JA**, Jamal SA, Antonucci DM, Cummings SR for the Study of Osteoporotic Fractures Research Group. Renal function and risk of hip and vertebral fractures among older women. *Arch Intern Med* 2007;167:133-39
289. Jamal SA, Bauer DC, Ensrud KE, **Cauley JA**, Hochberg M, Ishani A and Cummings SR. Aledronate treatment in women with normal to severely impaired renal function: An analysis of the Fracture Intervention Trial. *J Bone Miner Res.* 2007;22:503-8.
290. Barnes DE, **Cauley JA**, Lui LY, Fink HA, McCulloch C, Stone KL, Yaffee K. Women who maintain optimal cognitive function into old age. *J Am Geriatr Soc.* 2007;55:259-64.
291. Cappola AR, Ratcliffe SJ, Bhasin S, Blackman MR, **Cauley J**, Robbins J, Zmuda JM, Harris T, Fried LP. Determinants of serum total and free testosterone levels in women over the age of 65. *J Clin Endocrinol Metab.* 2007;92(2):509-16.
292. Hillier TA, Stone KL, Bauer DC, Rizzo JH, Pedula KL, **Cauley JA**, Ensrud KD, Hochberg MD, Cummings SR. Evaluating the value of repeat bone mineral density measurement and prediction of fractures in older women. The Study of Osteoporotic Fractures. *Arch Intern Med* 2007;167(2):155-60.
293. Yaffe K, Barnes D, Lindquist K, **Cauley J**, Simonsick EM, Penninx B, Satterfield S, Harris T, Cummings SR; Health ABC Investigators. Endogenous sex hormone levels and risk of cognitive decline in an older biracial cohort. *Neurobiol Aging* 2007;28(2):171-8.
294. Cawthon PM, Fink HA, Barrett-Connor E, **Cauley JA**, Dam TT, Lewis CE, Marshall LM, Orwoll ES, Cummings SR; for the Osteoporotic Fractures in Men Research Group. Alcohol use, physical performance, and functional limitations in older men. *J Am Geriatr Soc.* 2007;55(2):212-20.
295. Famili P, **Cauley JA**, Greenspan SL. The effect of androgen deprivation therapy on periodontal disease in men with prostate cancer. *J Urol* 2007;177(3):921-4. \*
296. Coleman AL, Cummings SR, Yu F, Kodjebacheva G, Ensrud KE, Gutierrez P, Stone KL, **Cauley JA**, Pedula KL, Hochberg MC, Mangione CM for the Study of Osteoporotic Fractures. Binocular visual field loss increases the risk of future falls in older white women. *J Am Geriatr Soc* 2007;55(3):357-64.

297. Faulkner K, Redfern MS, **Cauley JA**, Landsittel DP, Studenski SA, Rosano C, Simonsick Em, Harris TB, Shorr RD, Ayonayon HN, Newman AB; for the Health, Aging, and Body Composition Study. Multi-tasking: Association between poorer performance and a history of recurrent falls. *J Am Geriatr Soc* 2007;55(4):570-576. \*
298. **Cauley JA**, Song, J, Dowsett SA, Mershon JL, Cummings SR. Risk factors for breast cancer in older women: the relative contribution of bone mineral density and other established risk factors. *Breast Cancer Res and Treat* 2007;102:181-88.
299. Habel LA, Capra AM, Oestreich N, Greendale GA, **Cauley JA**, Bromberger J, Crandall CJ, Gold EB, Modugno F, Salane M, Quesenberry C, Sternfeld B. Mammographic density in a multiethnic cohort. *Menopause*. 2007;14(5):891-9.
300. Recker RR, Kendler D, Recknor CP, Rooney TW, Lewiecki EM, Hutian WH, **Cauley JA**, Lorraine J, Qu Y, Kulkarni PM, Gaich CL, Wong M, Plouffe LJr, Stock JL. Comparative effects of raloxifene and alendronate on fracture outcomes in postmenopausal women. *Bone* 2007;40(4):843-51.
301. Jamal SA, Bauer DC, Ensrud KE, **Cauley JA**, Hochberg M, Ishani A, Cummings SR. Alendronate treatment in women with normal to severely impaired renal function: an analysis of the fracture intervention trial. *J Bone Min Res* 2007;22(4):503-8.
302. Mukamal KJ, Robbins JA, **Cauley JA**, Kern LM, Siscovick DS. Alcohol consumption, bone density, and hip fracture among older adults: the Cardiovascular Health Study. *Osteo Int*. 2007;18(5):593-602.
303. Black DM, Delmas PD, Eastell R, Reid IR, Boonen S, **Cauley JA**, Cosman F, Lakatos P, Leung PC, Man Z, Mautalen C, Mesenbrink P, Hu H, Caminis J, Tong K, Rosario-Jansen T, Krasnow J, Hue TF, Sellmeyer D, Eriksen EF, Cummings SR; HORIZON Pivotal Fracture Trial. Once-yearly zoledronic acid for treatment of postmenopausal osteoporosis. *N Engl J Med*. 2007; 356(18):1809-22.
304. Moffett SP, Zmuda JM, **Cauley JA**, Ensrud KE, Hillier TA, Hochberg MC, Li J, Cayabyab S, Lee JM, Peltz G, Cummings SR. Association of the VDR translation start site polymorphism and fracture risk in older women: Support for the common disease/common variant hypothesis. *J Bone Min Res* 2007;22(5):730-6.
305. Seitzman RH, Mangione CM, **Cauley JA**, Ensrud KE, Stone KL, Cummings SR, Hochberg MC, Hillier TA, Yu F, Coleman AL; for the Study of Osteoporotic Fractures Research Group. Bone mineral density and age-related maculopathy in women. *J Am Geriatr Soc*. 2007;55(5):740-6.
306. Bauer DC, Ewing SK, **Cauley JA**, Ensrud KE, Cummings SR, Orwoll ES for the Osteoporotic Fractures in Men (MrOS) Research Group. Quantitative ultrasound predicts hip and non-spine fracture in men: The MrOS Study. *Osteo Int*. 2007;18(6):771-7.
307. Shaffer JR, Kammerer CM, Reich D, McDonald G, Patterson N, Goodpaster B, Bauer DC, Newman AB, **Cauley JA**, Harris TB, Tylavsky F, Ferrell RE, Zmuda JM for the Health ABC Study. Genetic markers for ancestry are correlated with body composition traits in older African Americans. *Osteo Int*. 2007;18(6):733-41.
308. Diem SJ, Blackwell TL, Stone KL, Yaffe K, **Cauley JA**, Whooley MA, Ensrud KE for the Study of Osteoporotic Fractures. Depressive symptoms and rates of bone loss at the hip in older women. *J Am Geriatr Soc*. 2007;55(6):824-31.
309. Haney EM, Chan BK, Diem SJ, Ensrud KE, **Cauley JA**, Barrett-Connor E, Orwoll E, Bliziotis MM for the Osteoporotic Fractures in Men Study Group. Association of low bone mineral density with selective serotonin reuptake inhibitor use by older men. *Arch Intern Med* 2007;167(12):1246-51.

310. Farhat GA, Newman AB, Sutton-Tyrrell K, Matthews KA, Boudreau R, Schwartz A, Harris T, Tylavsky F, Visser M, **Cauley JA**, for the Health ABC study. The association of bone mineral density measures with incident cardiovascular disease in older men and Women: The Health, Aging, and Body Composition Study. *Osteo Int.* 2007;18(7):999-1008. \*
311. Ensrud KE, Ewing SK, Taylor BC, Fink HA, Stone KL, **Cauley JA**, Tracy K, Hochberg MC, Rodoni N, Cawthon PM for the Study of Osteoporotic Fractures Research Group. Frailty and risk of falls, fracture and mortality in older women; The Study of Osteoporotic Fractures. *J Gerontology* 2007;62A(7):744-51.
312. **Cauley JA**, Danielson ME, Boudreau RM, Forrest, KYZ, Zmuda JM, Pahor M, Tylavsky FA, Cummings SR, Harris TB, Newman AB for the Health ABC Study. Inflammatory Markers and Incident Fracture Risk in Older Men and Women. *J Bone Miner Res.* 2007;22(7):1088-95.
313. Reeves KW, Faulkner K, Modugno F, Hillier T, Bauer DC, Ensrud KE, **Cauley JA** for the Study of Osteoporotic Fractures Research Group. Body mass index and mortality among older breast cancer survivors in the Study of Osteoporotic Fractures (SOF). *Cancer Epidemiol Biomarkers Prev.* 2007;16(7):1468-73. \*
314. Elkins JS, Johnston SC, Ziv E, Kado D, **Cauley JA**, Yaffe K. MTHFR C677T polymorphism and cognition function in older women. *Am J Epidemiol.* 2007;166(6):672-8.
315. Park HA, Lee JS, Kuller LH, **Cauley JA**. Effects of weight control during the menopausal transition on bone mineral density. *J Clin Endocrinol Metab.* 2007;92(10):3809-15.
316. Schaap LA, Pluijm SM, Deeg DJ, Penninx BW, Nicklas BJ, Lips P, Harris TB, Newman AB, Kritchevsky SB, **Cauley JA**, Goodpaster BH, Tylavsky FA, Yaffe K, Visser M; for the Health ABC study. Low testosterone levels and decline in physical performance and muscle strength in older men: Findings from two prospective cohort studies. *Clin Endocrinol (Oxf).* 2008;68(1):42-50.
317. Crandall C, Zheng Y, Karlamangla A, Sternfeld B, Habel L, Oestreich N, Johnston J, **Cauley J**, Greendale G. The Association Between Mammographic Breast Density and Bone Mineral Density in the Study of Women's Health Across the Nation. *Ann Epidemiol.* 2007 Aug;17(8):575-583.
318. Elkins JS, Johnston SC, Ziv E, Kado D, **Cauley JA**, Yaffe K. Methylenetetrahydrofolate Reductase C677T polymorphism and cognitive function in older women. *Am J Epidemiol.* 2007;166(6):672-8.
319. Kochar J, Fredman L, Stone KL, **Cauley JA** for the Study of Osteoporotic Fractures. Sleep problems in elderly women caregivers depend on the level of depressive symptoms: Results of caregivers. *J Am Geriatr Soc* 2007;55(12):2803-9.
320. Strotmeyer ES, **Cauley JA**. Diabetes mellitus, bone mineral density, and fracture risk. *Curr Opin Endocrinol Diabetes & Obes* 2007;14(6):429-35. \*
321. Goldman SE, Hall M, Boudreau R, Matthews KA, **Cauley JA**, Ancoli-Israel S, Stone KL, Rubin SM, Satterfield S, Simonsick EM, Newman AB for the Health ABC Study. Poor sleep is associated with poorer physical performance and greater functional limitations in older women. *Sleep,* 2007;30(10):1317-24. \*
322. Crandall CJ, Zheng Y, Karlamangla A, Sternfeld B, Habel LA, Oestreich N, Johnston J, **Cauley JA**, Greendale GA. The association between mammographic breast density and bone mineral density in the study of women's health across the nation. *Ann Epidemiol.* 2007;17(8):575-83.

323. Khosla S, Burr D, **Cauley J**, Dempster DW, Ebeling PR, Felsenberg D, Gagel RF, Gilsanz V, Guise T, Koka S, McCauley LK, McGowan J, McKee MD, Mohla S, Pendrys DG, Raisz LG, Ruggiero SL, Shafer DM, Shum L, Silverman SL, Van Poznak CH, Watts N, Woo SB, Shane E; American Society for Bone and Mineral Research. Bisphosphonate-associated osteonecrosis of the jaw: report of a task force of the American Society for Bone and Mineral Research. *J Bone Miner Res.* 2007;22(10):1479-91.
324. Robbins J, Aragaki A, Kiiperberg C, Watts N, Wactawski-Wende J, Jackson R, Lewis C, Chen Z, Stefanick M, **Cauley JA**. Factors associated five year risk of hip fracture in postmenopausal women: WHI. *JAMA* 2007;298(20):2389-98.
325. **Cauley JA**, Wu L, Wampler NS, Barnhart JM, Allison M, Chen Z, Jackson R, Robbins J. Clinical risk factors for fractures in multiethnic women: The Women's Health Initiative. *J Bone Miner Res.* 2007;22(11):1816-26.
326. Mackey DC, Lui L, Cawthon PM, Bauer DC, Nevitt MC, **Cauley JA**, Hillier TA, Lewis CE, Barrett-Connor E, Cummings SR for the Study of Osteoporotic Fractures (SOF) and Osteoporotic Fractures in Men (MrOS) Study Research Groups. High trauma fractures are associated with low bone mineral density in older women and men: The SOF and MrOS Study. *JAMA* 2007;298(20):2381-88.
327. **Cauley JA**, Hocherg MC, Lui, LY, Palermo L, Ensrud KE, Hillier TA, Nevitt MC, Cummings SR. Long term risk of incident vertebral fracture. *JAMA* 2007;298(23):2761-67.
328. Mackey DC, Eby JG, Harris F, Taaffe DR, **Cauley JA**, Tylavsky FA, Harris TB, Lang TF, Cummings SR; Health, Aging and Body Composition Study Group. Prediction of clinical non-spine fractures in older black and white men and women with volumetric BMD of the spine and areal BMD of the hip: the Health, Aging, and Body Composition Study. *J Bone Miner Res.* 2007;22(12):1862-68.
329. Spira AP, Blackwell T, Stone KL, Redline S, **Cauley JA**, Ancoli-Israel S, Yaffe K. Sleep disordered breathing and cognition in community-dwelling older women. *J Am Geriatr Soc.* 2008;56(1):45-50.
330. Marshall LM, Zmuda JM, Chan BK, Barrett-Connor E, **Cauley JA**, Ensrud KE, Lang TF, Orwoll ES; for the Osteoporotic Fractures in Men (MrOS) Research Group. Race and ethnic variation in proximal femur structure and bone density among older men. *J Bone Miner Res.* 2008;23(1):121-30. PMID: PMC2663587.
331. Ensrud KE, Stock JL, Barrett-Connor E, Grady D, Mosca L, Khaw KT, Zhao Q, Agnusdei D, and **Cauley JA**. Effects of raloxifene on fracture risk in postmenopausal women: the raloxifene use for The Heart Trial. *J Bone Miner Res.* 2008;23(1):112-20.
332. Schaap LA, Pluijm SM, Deeg DJ, Penninx BW, Nicklas BJ, Lips P, Harris TB, Newman AB, Kritchevsky SB, **Cauley JA**, Goodpaster BH, Tylavsky FA, Yaffe K, Visser M; Health ABC Study. Low testosterone levels and decline in physical performance and muscle strength in older men: findings from two prospective cohort studies. *Clin Endocrinol (Oxf).* 2008;68(1):42-50.
333. Blackwell T, Redline S, Ancoli-Israel S, Schneider JL, Surovec S, Johnson NL, **Cauley JA**, Stone KL for the Study of Osteoporotic Fractures Research Group. Comparison of total sleep parameters from actigraphy and polysomnography in older women: The SOF Study. *Sleep* 2008;31(2):283. PMID: PMC2225568.
334. Lynn HS, Woo J, Leung PC, Barrett-Connor EL, Nevitt MC, **Cauley JA**, Adler RA, Orwoll ES; for the Osteoporotic Fractures in Men (MrOS) Study. An evaluation of osteoporosis screening tools for the osteoporotic fractures in men (MrOS) study. *Osteoporos Int.* 2008;19(7):1087-92.

335. Ensrud KE, Ewing SK, Taylor BC, Fink HA, Cawthon PM, Stone KL, Hillier TA, **Cauley JA**, Hochberg MC, Rodondi N, Tracy JK, Cummings SR; for the Study of Osteoporotic Fractures Research Group. Comparison of 2 Frailty Indexes for Prediction of Falls, Disability, Fractures, and Death in Older Women. *Arch Intern Med*. 2008;168(4):382-89.
336. Mannen Cawthon P, Fullman RL, Marshall L, Mackey DC, Fink HA, **Cauley JA**, Cummings SR, Orwoll ES, Ensrud KE; for the Osteoporotic Fractures in Men (MrOS) Research Group. Physical Performance and Risk of Hip Fractures in Older Men. *J Bone Miner Res*. 2008; 23(7):1037-44. PMID: PMC2679379.
337. Finkelstein JS, Brockwell SE, Mehta V, Greendale GA, Sowers MR, Ettinger B, Lo JC, Johnston JM, **Cauley JA**, Danielson ME, Neer RM. Bone mineral density changes during the menopause transition in a multi-ethnic cohort of women. *J Clin Endocrinol Metab*. 2008;93(3):861-8. PMID: PMC2266953.
338. Jamal SA, Bauer DC, Ensrud KE, Hochberg M, Ishani A, **Cauley JA**, Cummings SR. Renal function and bisphosphonate safety. *J Bone Miner Res* 2008;23(3)455.
339. Moffett SP, Oakley JI, **Cauley JA**, Lui L, Ensrud KE, Taylor B, Hillier TA, Hochberg MC, Li J, Cayabyab S, Lee JM, Peltz G, Cummings SR, Zmuda JM, for the SOF Research Group. Osteoprotegerin Lys3Asn Polymorphism and the Risk of Fracture in Older Women. *J Clin Endocrinol Metab*. 2008;93(5):2002-8. PMID: PMC2386283.
340. Lee JS, LaCroix AZ, Wu L, **Cauley JA**, Jackson RD, Kooperberg C, Leboff MS, Robbins J, Lewis CE, Bauer DC, Cummings R. Associations of serum sex hormone-binding globulin and sex hormone concentrations with hip fracture risk in postmenopausal women. *J Clin Endocrinol Metab*. 2008;93(5):1796-803. PMID: PMC2386277.
341. Black DM, Bouxsein ML, Marshall LM, Cummings SR, Lang TF, **Cauley JA**, Ensrud KE, Nielson CM, Orwoll ES; for the Osteoporotic Fractures in Men (MrOS) Research Group. Proximal femoral structure and the prediction of hip fracture in men: A large prospective study using quantitative computed tomography. *J Bone Miner Res*. 2008;23:1326-33. PMID: PMC2680175.
342. **Cauley JA**, Palermo L, Vogt M, Ensrud KE, Ewing S, Hochberg M, Nevitt MC, Black DM. Prevalent Vertebral Fractures in Black Women and White Women. *J Bone Miner Res*. 2008;23(9):1458-67. PMID: PMC2683160.
343. Seitzman RL, Mahajan VB, Mangione C, **Cauley JA**, Ensrud KE, Stone KL, Cummings SR, Hochberg MC, Hillier TA, Sinsheimer JS, Yu F, Coleman AL; for the Study of Osteoporotic Fractures Research Group. Estrogen receptor alpha and matrix metalloproteinase 2 polymorphisms and age-related maculopathy in older women. *Am J Epidemiol*. 2008;167(10):1217-25.
344. Ryder KM, Cummings SR, Palermo L, Satterfield S, Bauer DC, Feldstein AC, Schousboe JT, Schwartz AV, Ensrud K; Fracture Intervention Trial Research Group. Collaborators (6): Black DM, Reiss TF, Nevitt MC, **Cauley J**, Karpf D, Cummings SR. Does a history of non-vertebral fracture identify women without osteoporosis for treatment? *J Gen Intern Med*. 2008;23(8):1177-81.
345. Burshell AL, Song J, Dowsett SA, Mershon JL, Delmas PD, Secrest RJ, **Cauley JA**. Relationship between bone mass, invasive breast cancer incidence and raloxifene therapy in postmenopausal women with low bone mass or osteoporosis. *Curr Med Res Opin*. 2008; 24(3):807-12.
346. Hill DD, **Cauley JA**, Sheu Y, Bunker CH, Patrick AL, Baker CE, Beckles GLA, Wheeler VW, Zmuda JM. Correlates of bone mineral density in males of African ancestry: The Tobago Bone Health Study. *Osteoporos Int*. 2008;19:227-34. PMID: PMC2519239. \*
347. Goldman SE, Hall M, Boudreau R, Matthews KA, **Cauley JA**, Ancoli-Israel S, Stone KL, Rubin SM, Satterfield S, Simonsick EM, Newman AB. Association between nighttime sleep and napping in older adults. *Sleep*. 2008;32:1-5. PMID: PMC2398743. \*

348. Khalil N, **Cauley JA**, Wilson JW, Talbott EO, Morrow L, Hochberg MC, Hillier TA, Muldoon SB, Cummings SR. The relationship of blood lead levels to incident non-spine fractures and falls in older women: The Study of Osteoporotic Fractures. *J Bone Miner Res.* 2008;23:1417-25. PMID: PMC2683156. \*
349. **Cauley JA**, Ensrud KE. Considering competing risks...not all black and white. *Arch Intern Med.* 2008; 168(8):793-94.
350. Grady, D, **Cauley JA**, Geiger MJ, Kornitzer M, Mosca L, Collins P, Wenger, NK, Song, J, Mershon, J, Barrett-Connor, E, For the Raloxifene Use for The Heart (RUTH) Trial Investigators. Raloxifene Reduced the Incidence of Invasive Breast Cancer in Postmenopausal Women at Increased Risk for Coronary Events. *J Natl Cancer Inst* 2008; 100:854-61.
351. American Society for Bone and Mineral Research Task Force on Osteonecrosis of the Jaw, Khosla S, Burr D, **Cauley JA**, Dempster DW, Ebeling PR, Felsenberg D, Gagel RF, Gilsanz V, Guise T, Koka S, McCauley LK, McGowan J, McKee MD, Mohla S, Pendrys DG, Raisz LG, Ruggiero SL, Shafer DM, Shum L, Silverman SL, Van Poznak CH, Watts N, Woo SB, Shane E. Oral bisphosphonate-induced osteonecrosis: risk factors, prediction of risk using serum CTX testing, prevention, and treatment. *J Bone Miner Res.* 2008;66(6):1320-21.
352. Coleman A, Stone KL, Kodjebacheva G, Yu F, Pedula KL, Ensrud KE, **Cauley JA**, Hochberg Mc, Topouzis F, Badala F, Mangione CM. Glaucoma risk and the consumption of fruits and vegetables among older women in the Study of Osteoporotic Fractures. *Am J Ophthalmol.* 2008;145(6):1081-9.
353. Ix JH, Wassel-Fyr C, Kanaya A, Vittinghoff E, Johnson KC, Koster A, **Cauley JA**, Harris TB, Cummings SR, Shlipak MG for the Health ABC Study. Fetuin A and incident diabetes mellitus in older persons: The Health ABC Study. *JAMA.* 2008;300(2):182-88. PMID: PMC2779582.
354. **Cauley JA**, Wampler N, Barnhart J, Wu L, Allison M, Chen Z, Hendrix S, Robbins JA, Jackson R. Incidence of fractures compared to cardiovascular disease and breast cancer: WHI. *Osteoporos Int.* 2008;19(12):1717-23. PMID: PMC2663802.
355. Hill DD, **Cauley JA**, Bunker CH, Baker CE, Patrick AL, Beckles GLA, Wheeler VW, Zmuda JM. Correlates of bone mineral density among postmenopausal women of African Caribbean ancestry: Tobago women's health study. *Bone.* 2008;43(1):156-61. PMID: PMC2519239. \*
356. Farhat GN and **Cauley JA**. The link between osteoporosis and cardiovascular disease. *Clinical Cases in Mineral and Bone Metabolism.* 2008;5(1):19-34. \*
357. Kaptoge S, Beck TJ, Reeve J, Stone KL, Hillier T, **Cauley JA**, Cummings SR. Prediction of incident hip fracture risk by femur geometry variables measure by hip structural analysis in the Study of Osteoporotic Fractures. *J Bone Miner Res.* 2008;23(12):1892-1904. PMID: PMC2686919.
358. LaCroix A, Lee J, Wu L, Cummings SR, Bauer D, Leboff M, Curb D, Mott S, Shlipak M, **Cauley JA**, Kooperberg C, Robbins JA, Jackson R. Cystatin-C, renal function and incidence of hip fracture in postmenopausal women. *J Am Geriatr Soc.* 2008;56(8):1434-41.
359. **Cauley JA**, LaCroix AZ, Wu L, Horwitz M, Danielson ME, Bauer DC, Lee JS, Jackson RD, Robbins JA, Wu C, Stanczyk FZ, LeBoff MS, Wactawski-Wende J, Sarto G, Ockene J, Cummings SR. Serum 25 HydroxyVitamin D concentrations and the risk of hip fractures: The Women's Health Initiative. *Ann Intern Med.* 2008 Aug 19;149(4):242-50. Summary for patients in: *Ann Intern Med.* 2008;149(4):I42. PMID: PMC2743412.
360. Chen Z, **Cauley JA**, Chlebowski R, Meadows ES, Aickin M. Hip bone density predicts breast cancer risk independently of Gail score: Results from the WHI. *Cancer.* 2008;113(5):907-15.



361. Tranah, G, **Cauley JA**, Zmuda J, Peltz G, Hillier T, Cummings, Rhee B, Erlich H, Li J, Lui L, Sternlicht M, Hochberg M, Taylor B. Genetics of fracture risk and bone mineral density: SOF results. *Calcif Tissue Int*. 2008;83(8):155-66. PMID: PMC2699257.
362. Stone KL, Ancoli-Israel S, Blackwell T, Ensrud KE, **Cauley JA**, Redline S, Hillier TA, Schneider J, Claman D, Cummings SR. Actigraphy-measured sleep characteristics and risk of falls in older women. *Arch Intern Med*. 2008;168(16):1768-75.
363. Seitzman R, Mangione C, Ensrud KE, **Cauley JA**, Stone KL, Cummings SR, Hochberg MC, Hillier TA, Yu F, Coleman AL. Postmenopausal hormone therapy and age-related maculopathy in older women. *Ophthalmic Epidemiol*. 2008;15(5):308-15.
364. Houston DK, Schwartz AV, **Cauley JA**, Tylavsky FA, Simonsick EM, Harris TB, de Rekeneire N, Schwartz GG, Kritchevsky SB. Serum parathyroid hormone levels predict falls in older adults with diabetes mellitus. *J Am Geriatr Soc*. 2008;56(11):2027-32. PMID: PMC2720068.
365. Mehra R, Stone KL, Ancoli-Israel S, Litwack-Harrison S, Ensrud KE, Redline S, **Cauley JA**; Study of Osteoporotic Fractures Research Group. Interpreting wrist actigraphic indices of sleep in epidemiologic studies of the elderly: the Study of Osteoporotic Fractures. *Sleep*. 2008;31(11):1569-76.
366. Delmonico M, Zmuda JM, Taylor BC, **Cauley JA**, Harris TB, Manini TM, Schwartz A, Li R, Roth SM, Hurley BF, Bauer DC, Ferrell RE, Newman AB; for the Health ABC and MrOS Research Groups. Association of the ACTN3 genotype and physical functioning with age in older adults. *J Gerontol A Biol Sci Med Sci*. 2008 Nov;63(11):1227-34. PMID: PMC2728123.
367. Fredman L, **Cauley JA**, Satterfield S, Simonsick E, Spencer SM, Ayonayun HN, Harris TB; Health ABC Study Group. Caregiving, mortality and mobility decline: The Health, Aging and Body Composition (Health ABC) study. *Arch Int Med*. 2008 Oct 27;168(19):2154-62.
368. Patel SR, Blackwell T, Redline S, Ancoli-Israel S, **Cauley JA**, Hillier TA, Lewis CE, Orwoll ES, Stefanick ML, Taylor BC, Yaffe K, Stone KL. The association between sleep duration and obesity in older adults. *J Int Obesity (Lond)*. 2008;32(12):1825-34. PMID: PMC2605208.
369. Goldman SE, Ancoli-Israel S, Boudreau R, **Cauley JA**, Hall M, Stone KL, Rubin SM, Satterfield S, Simonsick EM, Newman AB; Health, Aging and Body Composition Study. Sleep problems and associated daytime fatigue in community-dwelling older individuals. *J Gerontol A Biol Sci Med Sci*. 2008;63(10):1069-75.
370. Cawthon PM, Fullman RL, Marshall L, Mackey DC, Fink HA, **Cauley JA**, Cummings SR, Orwoll ES, Ensrud KE: Osteoporotic Fractures in Men (MrOS) Research Group. Physical performance and risk of hip fractures in older men. *J Bone Miner Res*. 2008;23(7):1037-44. PMID: PMC2679379.
371. American Society for Bone and Mineral Research Task Force on Osteonecrosis of the Jaw, Khosla S, Burr D, **Cauley J**, Dempster DW, Ebeling PR, Felsenberg D, Gagel RF, Gilsanz V, Guise T, Koka S, McCauley LK, McGowan J, McKee MD, Mohla S, Pendrys DG, Raisz LG, Ruggiero SL, Shafer DM, Shum L, Silverman SL, Van Poznak CH, Watts N, Woo SB, Shane E Oral bisphosphonate-induced osteonecrosis: risk factors, prediction of risk using serum CTX testing, prevention, and treatment. *J Oral Maxillofac Surg*, 2008;66(6):1320-1.
372. Chen Z, Beck TJ, **Cauley JA**, Lewis E, LaCroix AZ, Bassford T, Wu G, Sherrill D, Going S. Hormone therapy improves femur geometry among ethnically diverse postmenopausal participants in the WHI Hormone Intervention Trials. *J Bone Miner Res*. 2008;23(12):1935-45. PMID: PMC2686920.
373. Donaldson M, Cawthon P, Lui L, Schousboe J, Ensrud K, Taylor B, **Cauley J**, Hillier T, Black D, Bauer D, Cummings S; for the Study of Osteoporotic Fractures. Estimates of the proportion of older white women who would be recommended for pharmacologic treatment by the New US National Osteoporosis Foundation Guidelines. *J Bone Miner Res*. 2009;24(4):675-80. PMID: PMC2659514.

374. **Cauley JA**, Lui LY, Barnes D, Ensrud KE, Zmuda JM, Hillier TA, Hochberg, Schwartz AV, Yaffe K, Cumming SR, Newman AB. Successful skeletal aging: a marker of low fracture risk and longevity. The Study of Osteoporotic Fractures (SOF). *J Bone Miner Res*, 2009;24:134-44. PMID: PMC2605163.
375. Reeves KW, Stone RA, Modugno F, Ness RB, Vogel VG, Weissfeld JL, Habel LA, Sternfeld B, **Cauley JA**. Longitudinal association of anthropometry with mammographic breast density in the Study of Women's Health Across the Nation. *Int J Cancer*, 2009;124(5):1169-77. PMID: PMC2683677. \*
376. Farhat GH, Taioli E, **Cauley JA**, Zmuda JM, Orwoll E, Bauer DC, et al. The association of bone mineral density with prostate cancer risk in the Osteoporotic Fractures in Men (MrOS) Study. *Cancer Epidemiol Biomarkers Prev*, 2009;18:148-54. PMID: PMC2651680. \*
377. Ness RB, Albano JD, McTiernan A, **Cauley JA**. Influence of estrogen plus testosterone supplementation of breast cancer. *Arch Intern Med*, 2009;169:41-6.
378. Yerges LM, Zhang Y, **Cauley JA**, Kammerer CM, Nestlerode CS, Wheeler VW, et al. Functional characterization of genetic variation in the Frizzled 1 (FXD1) promoter and association with bone phenotypes: more to the LRP5 story? *J Bone Miner Res*, 2009;24:87-96. PMID: PMC2689083. \*
379. Brunner R, Dunbar-Jacob J, LeBoff MS, Granek I, Bowen D, Snetselaar LG, Shumaker SA, Ockene J, Rosal M, Wactawski-Wende J, **Cauley J**, Cochrane B, Tinker L, Jackson R, Wang CY, Wu L. Predictors of adherence in the Women's Health Initiative Calcium and Vitamin D Trial. *Behav Med*, 2009;34(4):145-55. PMID: NIHMS84710.
380. Leboff MS, Narweker R, Lacroix A, Wu L, Jackson R, Lee J, Bauer DC, **Cauley J**, Kooperberg C, Lewis C, Thomas AM, Cummings S. Homocysteine levels and risk of hip fracture in postmenopausal women. *J Clin Endocrinol Metab*. 2009;94(4):1207-13. PMID: PMC2682463.
381. Orwoll E, Nielson CM, Marshall LM, Lambert L, Holton KF, Hoffman AR, Barrett-Connor E, Shikany JM, Dam T, **Cauley JA**; for the Osteoporotic Fractures in Men (MrOS) Study Group. Vitamin D deficiency in older men. *J Clin Endocrinol Metab*. 2009;94(4):1214-22. PMID: PMC2682464.
382. Khalil N, Morrow LA, Needleman H, Talbott EO, Wilson JW, **Cauley JA**. Association of cumulative lead and neurocognitive function in an occupational cohort. *Neuropsychology*. 2009;23(1):10-9. \*
383. Stone KL, Ewing SK, Ancoli-Israel S, Ensrud KE, Redline S, Bauer DC, **Cauley JA**, Hillier TA, Cummings SR. Self-reported sleep and nap habits and risk of mortality in a large cohort of older women. *J Am Geriatr Soc*. 2009;57(4):604-11. PMID: PMC2927342.
384. Ensrud KE, Ewing SK, Cawthon PM, Fink HA, Taylor B, **Cauley JA**, Dam TT, Marshall LM, Orwoll ES, Cummings SR for the Osteoporotic Fractures in Men (MrOS) Research Group. A comparison of frailty indexes for the prediction of falls, disability, fractures and mortality in older men. *J Am Geriatr Soc*. 2009;57(3):492-8. PMID: PMC2861353.
385. Reeves KW, Ness RB, Stone RA, Weissfeld JL, Vogel VG, Powers RW, Modugno F, **Cauley JA**. Vascular endothelial growth factor and breast cancer risk. *Cancer Causes Control*. 2009 20:375-86. PMID: PMC3575594. \*
386. Zmuda JM, Yerges LM, Kammerer CM, **Cauley JA**, Wang X, Nestlerode CS, Wheeler VW, Patrick AL, Bunker CH, Moffett SP, Ferrell RE. Association analysis of WNT10B with bone mass and structure among individuals of African ancestry. *J Bone Miner Res*. 2009;24(3):437-47. PMID: PMC2659518.
387. Ix JH, Wassel CL, Bauer DC, Toroian D, Tylavsky FA, **Cauley JA**, Harris TB, Price PA, Cummings SR, Shlipak MG; Health ABC Study. Fetuin-A and BMD in older persons: the Health Aging and Body Composition (Health ABC) study. *J Bone Miner Res*. 2009;24(3):514-21. PMID: PMC2659522.

388. Glover SJ, Gall M, Schoenborn-Kellenberger O, Wagener M, Garner P, Boonen S, **Cauley JA**, Black DM, Delmas PD, Eastell R. Establishing a reference interval for bone turnover markers in 637 healthy, young, pre-menopausal women from UK, France, Belgium and the USA. *J Bone Miner Res.* 2009;24(3):389-97.
389. Orwoll ES, Marshall LM, Nielson CM, Cummings SR, Lapidus JA, **Cauley JA**, Ensrud KE, Lane N, Hoffmann PR, Kopperdahl DL, Keaveny TM. Finite element analysis of the proximal femur and hip fracture risk in older men. *J Bone Miner Res.* 2009;24(3):475-83. PMID: PMC2659519.
390. Yaffe K, Lindquist K, Sen S, **Cauley J**, Ferrell R, Penninx B, Harris T, Li R, Cummings SR; for the Health ABC Study. Estrogen receptor genotype and risk of cognitive impairment in elders: Findings from the Health ABC study. *Neurobiol Aging.* 2009;30(4):607-14. PMID: NIHMS281353.
391. Khalil N, **Cauley JA**, Wilson JW, Talbott EO, Morrow L, Hochberg MC, Hillier TA, Muldoon SB, Cummings SR. Associations of blood lead and mortality. *Environmental Health Journal.* 2009 38(1):375-86. PMID: PMC2670287. \*
392. **Cauley JA**, Lui LY, Genant HK, Salamone L, Browner W, Fink HA, Cohen P, Hillier T, Bauer DC, Cummings SR for the Study of Osteoporotic Fractures Research Group. Risk factors for severity and type of the hip fracture. *J Bone Miner Res.* 2009;24(5):943-55. PMID: PMC2672209.
393. Sanders, J, **Cauley JA**, Boudreau R, Zmuda J, Strotmeyer E et al. Leukocyte telomere length is not associated with bone mineral density, osteoporosis, or fracture in older adults: results from the Health, Aging and Body Composition Study. *J Bone Miner Res.* 2009;24(9):1531-6. PMID: PMC2730927.
394. Schwarz E, Ray RM, Stuebe AM, Allison MA, Ness RB, Freiberg MS, **Cauley JA**. Duration of lactation and risk factors for maternal cardiovascular disease. *Obstet Gynecol.* 2009;113(5):974-982. PMID: PMC2714700.
395. LaCroix AZ, Kotchen J, Anderson G, Brzyski R, **Cauley JA**, Cummings SR, Gass M, Johnson KC, Ko M, Larson J, Manson JE, Stefanick ML, Wactawski-Wende J. Calcium plus vitamin D supplementation and mortality in postmenopausal women: the Women's Health Initiative calcium-vitamin D randomized controlled trial. *J Gerontol A Biol Sci Med Sci.* 2009;64(5):559-67. PMID: PMC2800808.
396. Cawthon PM, Ewing SK, McCulloch CD, Ensrud KE, **Cauley JA**, Cummings SR, Orwoll ES. Loss of hip bone mineral density in older men: MrOS. *J Bone Miner Res.* 2009;24(10):1728-35. PMID: PMC2743283.
397. Ensrud KE, Taylor BC, Paudel ML, **Cauley JA**, Cawthon PM, Cummings SR, Fink HA, Barrett-Connor E, Zmuda JM, Shikany JM, Orwoll ES; for the Osteoporotic Fractures in Men (MrOS) Study Group. Serum 25-hydroxyvitamin D levels and rate of hip bone loss in older men. *J Clin Endocrinol Metab.* 2009;94(8):2773-80. PMID: PMC2730873.
398. Miljkovic I, **Cauley JA**, Petit MA, Ensrud KE, Strotmeyer E, Sheu Y, Gordon CL, Goodpaster BH, Bunker CH, Patrick AL, Wheeler VW, Kuller LH, Faulkner KA, Zmuda JM; for the Osteoporotic Fractures in Men (MrOS) Research Group and the Tobago Health Studies Research Group. Greater adipose tissue infiltration in skeletal muscle among older men of African ancestry. *J Clin Endocrinol Metab.* 2009;94(8):2735-42. PMID: PMC2730872.
399. Eastell R, Black DM, Boonen S, Adami S, Felsenberg D, Lippuner K, Cummings SR, Delmas PD, Palermo L, Mesenbrink P, **Cauley JA** for the HORIZON Pivotal Fracture Trial. Effect of once-yearly zoledronic acid 5 mg on fracture risk and change in femoral neck bone mineral density. *J Clin Endocrinol Metab.* 2009;94(9):3215-25. PMID: PMC2846959.
400. Sheu Y, **Cauley JA**, Wheeler VW, Patrick AL, Bunker CH, Kammerer CM, Zmuda JM. Natural history and correlates of hip BMD loss with aging in men of African ancestry: the Tobago Bone Health Study. *J Bone Miner Res.* 2009;24(7):1290-8. PMID: PMC2697627. \*

401. Petit MA, Paudel ML, Taylor BC, Hughes JM, Strotmeyer ES, Schwartz AV, **Cauley JA**, Zmuda JM, Hoffman AR, Ensrud KE; for the Osteoporotic Fractures in Men (MrOs) Study Group. Bone mass and strength in older men with type 2 diabetes: The Osteoporotic Fractures in Men Study. *J Bone Miner Res.* 2010;25(2):285-91.PMCID: PMC3153385.
402. Fredman L, Doros G, Ensrud KE, Hochberg MC, **Cauley JA**. Caregiving intensity and change in physical functioning over a 2-year period: results of the caregiver-study of osteoporotic fractures. *Am J Epidemiol.* 2009;170(2):203-10. PMCID: PMC2727270.
403. Kuipers A, Zhang Y, **Cauley JA**, Nestlerode CS, Chu Y, Bunker CH, Patrick AL, Wheeler VW, Hoffman AR, Orwoll ES, Zmuda JM. Association of a high mobility group gene (HMGA2) variant with bone mineral density. *Bone.* 2009;45(2):295-300. PMCID: PMC2795567. \*
404. Beck TJ, Petit M, Wu G, LeBoff MS, **Cauley JA**. Does obesity really make the femur stronger? BMD, geometry and fracture incidence in the WHI-OS. *J Bone Miner Res.* 2009;24(8):1369-79. PMCID: PMC2718796.
405. Reiner AP, Aragaki AK, Gray SL, Wactawski-Wende J, **Cauley JA**, Cochrane BB, Kooperberg CL, Woods NF, Lacroix AZ. Inflammation and thrombosis biomarkers and incident frailty in postmenopausal women. *Am J Med.* 2009;122(10):947-54. PMCID: PMC2754604.
406. Coleman AL, Seitzman RL, Cummings SR, Yu F, **Cauley JA**, Ensrud KE, Stone KL, Hochberg MC, Pedula KL, Thomas EL, Mangione CM; Study Of Osteoporotic Fractures Research Group. The association of smoking and alcohol use with age-related macular degeneration in the oldest old: The Study of Osteoporotic Fractures. *Am J Ophthalmol.* 2010;149(1):160-9. PMCID: PMC3355977.
407. Cawthon PM, Ensrud KE, Laughlin GA, **Cauley JA**, Dam TT, Barrett-Connor E, Fink HA, Hoffman AR, Lau E, Lane NE, Stefanick ML, Cummings SR, Orwoll ES; Osteoporotic Fractures in Men (MrOS) Research Group. Sex hormones and frailty in older men: the osteoporotic fractures in men (MrOS) study. *J Clin Endocrinol Metab.* 2009;94(10):3806-15. PMCID: PMC2758722.
408. Crandall CJ, Aragaki A, McTiernan A, Cochrane B, Anderson G, Hendrix S, **Cauley JA**, Kuller L, Langer R, Chlebowski R. New-onset breast tenderness after initiation of estrogen plus progestin therapy and breast cancer risk. *Arch of Int Med.* 2009;18:1684-91. PMCID: PMC3670683.
409. Coleman AL, Cummings SR, Ensrud KE, Yu F, Gutierrez P, Stone KL, **Cauley JA**, Pedula KL, Hochberg MC, Mangione CM; Study of Osteoporotic Fractures. Visual field loss and risk of fractures in older women. *J Am Geriatr Soc.* 2009;57(10):1825-32. PMCID: PMC3355977.
410. **Cauley JA**, Parimi N, Ensrud KE, Bauer DC, Cawthon, Cummings SR, Hoffman AR, Shikany, Barrett-Connor E, Orwoll E for the Osteoporotic Fractures in Men (MrOS) Research Group. Serum 25 hydroxyvitamin d and the risk of hip and non-spine fractures in older men. *J Bone Miner Res.* 2010;25(3):545-53. PMCID: NIHMS301059.
411. Faulkner KA, Chan BK, **Cauley JA**, Marshall LM, Ensrud KE, Stefanick ML, Orwoll ES; Osteoporotic Fractures in Men (MrOS) Research Group. Histories including number of falls may improve risk prediction for certain non-vertebral fractures in older men. *Inj Prev.* 2009;15(5):307-11. PMCID: PMC3145210. \*
412. Ix JH, Wassel CL, Chertow GM, Koster A, Johnson KC, Tylavsky FA, **Cauley JA**, Cummings SR, Harris TB, Shlipak MG; Health Aging and Body Composition Study. Fetuin-A and change in body composition in older persons. *J Clin Endocrinol Metab.* 2009;94(11):4492-98. PMCID: PMC2775641.
413. Faulkner KA, **Cauley JA**, Studenski SA, Landsittel DP, Cummings SR, Ensrud KE, Donaldson MG, Nevitt MC; for the Study of Osteoporotic Fractures Research Group. Lifestyle predicts falls independent of physical risk factors. *Osteoporos Int.* 2009;20(12):2025-47. PMCID: PMC2777208. \*

414. Ensrud KE, Lui LY, Taylor BC, Schousboe JT, Donaldson MG, Fink HA, **Cauley JA**, Hillier TA, Browner WS, Cummings SR; Study of Osteoporotic Fractures Research Group. A comparison of prediction models for fractures in older women: is more better? *Arch Intern Med.* 2009;169(22):2087-94. PMID: PMC2811407.
415. Bauer DC, Garnero P, Harrison S, **Cauley J**, Eastell R, Ensrud K, Orwoll E; For the Osteoporotic Fractures in Men (MrOS) Research Group. Biochemical markers of bone turnover, hip bone loss and fracture in older men: The MrOS Study. *J Bone Miner Res.* 2009;24(12):2032-8. PMID: PMC2791517.
416. Yerges LM, Klei L, **Cauley JA**, Roeder K, Kammerer CM, Moffett SP, Ensrud KE, Nestlerode CS, Marshall LM, Hoffman AR, Lewis C, Lang TF, Barrett-Connor E, Ferrell RE, Orwoll ES, Zmuda JM; for the MrOS Research Group. A High-Density Association Study of 383 Candidate Genes for volumetric bone density at the femoral neck and lumbar spine among older men. *J Bone Miner Res.* 2009;24(12):2039-49. PMID: PMC2791518. \*
417. Sheu Y1, **Cauley JA**, Bunker CH, Wheeler VW, Patrick AL, Gordon CL, Kammerer CM, Zmuda JM. Correlates of trabecular and cortical volumetric BMD in men of African ancestry. *J Bone Miner Res.* 2009 Dec;24(12):1960-8. PMID: PMC2791513. \*
418. Patel SM, Ratcliffe SJ, Reilly MP, Weinstein R, Bhasin S, Blackman MR, **Cauley JA**, Sutton-Tyrrell K, Robbins J, Fried LP, Cappola AR. Higher serum testosterone concentration in older women is associated with insulin resistance, metabolic syndrome, and cardiovascular disease. *J Clin Endocrinol Metab.* 2009;94(12):4776-84. PMID: PMC2795656.
419. Slinin Y, Paudel ML, Taylor BC, Fink HA, Ishani A, Canales MT, Yaffe K, Barrett-Connor E, Orwoll ES, Shikany JM, Leblanc ES, **Cauley JA**, Ensrud KE; For the Osteoporotic Fractures in Men (MrOS) Study Research Group. 25-Hydroxyvitamin D levels and cognitive performance and decline in elderly men. *Neurology.* 2010;74(1):33-41. PMID: PMC2809025.
420. Tranah GJ, Blackwell T, Ancoli-Israel S, Paudel ML, Ensrud KE, **Cauley JA**, Redline S, Hillier TA, Cummings SR, Stone KL; Study of Osteoporotic Fractures Research Group. Circadian activity rhythms and mortality: the study of osteoporotic fractures. *J Am Geriatr Soc.* 2010;58(2):282-91. PMID: PMC2938873.
421. **Cauley JA**, Lacroix AZ, Robbins JA, Larson J, Wallace R, Wactawski-Wende J, Chen Z, Bauer DC, Cummings SR, Jackson R. Baseline serum estradiol and fracture reduction during treatment with hormone therapy: the Women's Health Initiative Randomized Trial. *Osteoporos Int.* 2010;21:167-177. PMID: PMC2787820.
422. Yerges LM, Klei L, **Cauley JA**, Roeder K, Kammerer CM, Ensrud KE, Nestlerode CS, Lewis C, Lang TF, Barrett-Connor E, Moffett SP, Hoffman AR, Ferrell RE, Orwoll ES, Zmuda JM; for the Osteoporotic Fractures in Men (MrOS) Study Group. Candidate gene analysis of femoral neck trabecular and cortical volumetric bone mineral density in older men. *J Bone Miner Res.* 2010;25(2):330-8. PMID: PMC3153388. \*
423. Donaldson M, Cummings S, Cawthon PM, Lui L, Schousboe JT, Ensrud KE, Taylor BC, **Cauley JA**, Hillier T, Curtis J, Black D, Bauer DC. Estimates of the proportion of older white men who would be recommended for pharmacologic treatment by the New US National Osteoporosis Foundation Guidelines. *J Bone Miner Res.* 2010;25(7):1506-1511. PMID: PMC3153995.
424. Schwartz AV, Bauer DC, Cummings SR, **Cauley JA**, Ensrud KE, Palermo L, Wallace RB, Hochberg MC, Feldstein AC, Lombardi A, Black DM; for the FLEX Research Group. Efficacy of continued alendronate for fractures in women with and without prevalent vertebral fracture: The FLEX trial. *J Bone Miner Res.* 2010;25(5):976-82. PMID: 20200926.

425. Lee JS, Yaffe K, Lui LY, **Cauley J**, Taylor B, Browner W, Cummings S; Study of Osteoporotic Fractures Group. Prospective study of endogenous circulating estradiol and risk of stroke in older women. *Arch Neurol.* 2010;67(2):195-201. PMID: PMC4406483.
426. Kodjebacheva G, Coleman AL, Ensrud KE, **Cauley JA**, Yu F, Stone KL, Pedula KL, Hochberg MC, Mangione CM. Reliability and validity of abbreviated surveys derived from the National Eye Institute Visual Function Questionnaire: the study of osteoporotic fractures. *Am J Ophthalmol.* 2010;149(2):330-40. PMID: PMC2862227.
427. Barrett-Connor E, Nielson CM, Orwoll E, Bauer DC, **Cauley JA**, for the Osteoporotic Fractures in Men (MrOS) Study Group. Epidemiology of rib fractures in older men: Osteoporotic Fractures in Men (MrOS) prospective cohort study. *BMJ* 2010;340:c1069. PMID: PMC2839084.
428. Yerges-Armstrong LM, Miljkovic I, **Cauley JA**, Sheu Y, Gordon CL, Wheeler VW, Bunker CH, Patrick AL, Zmuda JM. Adipose tissue and volumetric bone mineral density of older Afro-Caribbean men. *J Bone Miner Res.* 2010 Oct;25(10):2221-8. PMID: PMC3119489. \*
429. Black DM, Kelly MP, Genant HK, Palermo L, Eastell R, Bucci-Rechtweg C, **Cauley J**, Leung PC, Boonen S, Santora A, de Papp A, Bauer DC; the Fracture Intervention Trial and HORIZON Pivotal Fracture Trial Steering Committees. Bisphosphonates and fractures of the subtrochanteric or diaphyseal femur. *N Engl J Med.* 2010;362(19):1761-71.
430. Lang T, **Cauley JA**, Tylavsky F, Bauer D, Cummings S, Harris TB; Health ABC Study. Computed tomography measurements of thigh muscle cross-sectional area and attenuation coefficient predict hip fracture. *J Bone Miner Res* 2010;25(3):513-519. PMID: PMC3153392.
431. Fredman L, Doros G, **Cauley JA**, Hillier TA, Hochberg MC. Caregiving, metabolic syndrome indicators, and 1-year decline in walking speed: Results of Caregiver-SOF. *J Gerontol A Biol Sci Med Sci.* 2010;65(5):565-72. PMID: PMC2854884.
432. Fredman L, **Cauley JA**, Hochberg M, Ensrud KE, Doros G; for the Study of Osteoporotic Fractures. Mortality associated with caregiving, general stress, and caregiving-related stress in elderly women: Results of Caregiver-Study of Osteoporotic Fractures. *J Am Geriatr Soc.* 2010 May;58(5):937-43. PMID: NIHMS218711.
433. Grady D, **Cauley JA**, Stock JL, Cox DA, Mitlak BH, Song J, Cummings SR. Effect of Raloxifene on all-cause mortality. *Am J Med.* 2010;123(5):469.e1-7.
434. Tranah GJ, Parimi N, Blackwell T, Ancoli-Israel S, Ensrud KE, **Cauley JA**, Redline S, Lane N, Paudel ML, Hillier TA, Yaffe K, Cummings SR, Stone KL. Postmenopausal hormones and sleep quality in the elderly: a population based study. *BMC Women's Health.* 2010;10(1):15. PMID: PMC20441593.
435. Faulkner KA, **Cauley JA**, Roth SM, Kammerer CM, Stone K, Hillier TA, Ensrud KE, Hochberg M, Nevitt MC, Zmuda JM. Familial resemblance and shared latent familial variance in recurrent fall-risk in older women. *J Appl Physiol.* 2010;108(5):1142-7. PMID: PMC2867539. \*
436. Barbour KE, Zmuda JM, Strotmeyer ES, Horwitz MJ, Boudreau R, Evans RW, Ensrud KE, Petit MA, Gordon CL, **Cauley JA**. Correlates of trabecular and cortical volumetric bone mineral density of the radius and tibia in older men. The Osteoporosis Fractures in Men Study. *J Bone Miner Res.* 2010; 25(5):1017-28. PMID: PMC20200975. \*
437. Lacroix AZ, Beck TJ, **Cauley JA**, Lewis CE, Bassford T, Jackson R, Wu G, Chen Z. Hip structural geometry and incidence of hip fracture in postmenopausal women: what does it add to conventional bone mineral density? *Osteoporos Int.* 2010; 21(6):919-29. PMID: PMC2896704.
438. Gray SL, LaCroix AZ, Larson J, Robbins J, **Cauley J**, Mason JE, Chen Z. Proton pump inhibitor use, hip fracture and change in bone density in postmenopausal women. WHI. *Archives of Int Med,* 2010;170(9):765-771. PMID: PMC20458083.

439. Cousins J, Petit M, Taylor B, Paudel M, Ensrud KE, Zmuda J, **Cauley JA**, Cawton PM, Hughes J. Muscle power and physical activity are associated with bone strength in older men. The Osteoporotic Fractures in Men Study. *Bone* 2010;47(2):205-11. PMID: PMC20466088.
440. Janney CA, **Cauley JA**, Cawthon PM, Kriska AM. Longitudinal physical activity changes among older men in the Osteoporotic Fractures study (MrOS). *J Am Geriatr Soc.* 2010; 58:1128–33. PMID: NIHMS218673. \*
441. Key T, Schernhammer E, Tjonneland A, Zeleniuch-Jacquotte A, Bueno de Mesquita B, Ziegler, R, Allen D, Vatten L, Barrett-Connor E, Berrino F, Laughlin G, Severi G, Reeves G, Muti P, Hallmans G, Fentiman I, **Cauley JA**, Surgery H et al. Insulin-like growth factor 1 (IGF1), IGF binding protein 3 (IGFBP3), and breast cancer risk: pooled individual data analysis of 17 prospective studies. *Lancet Oncol.* 2010;11(6):530-42. PMID: PMC20472501.
442. **Cauley JA**, Ewing SK, Taylor BC, Fink HA, Ensrud KE, Bauer DC, Barrett-Connor E, Marshall L, Orwoll ES for the Osteoporotic Fractures in Men (MrOS) Research Group. Sex steroid hormones in older men: Longitudinal associations with 4.5 year change in hip bone mineral density. The MrOS Study. *J Clin Endocrinol Metab.* 2010 Sep;95(9):4314-23. PMID: PMC20554716.
443. Chlebowski RT, Chen Z, **Cauley JA**, Anderson GL, Rodabough RJ, McTiernan A, Lane DS, Manson JE, Snetselaar L, Yasmeen S, Sullivan MJ, Safford M, Hendrix SL, and Wallace RB. Oral bisphosphonate use and breast cancer incidence in postmenopausal women. *J Clin Oncol.* 2010 Aug 1;28(22):3582-90. PMID: PMC2917313.
444. Sheu Y, Wheller V, Patrick A, Bunker C, Ensrud KE, Orwoll E, Zmuda J, **Cauley JA**. Age-related decline in bone density among ethnically diverse older men. *Osteoporos Int* 2011;22(2):599-605. PMID: PMC3106993. \*
445. Virtanen JK, Mozaffarian D, **Cauley JA**, Mukamal KJ, Robbins J, Siscovick DS. Fish consumption, bone mineral density, and risk of hip fracture among older adults: the Cardiovascular Health Study. *J Bone Miner Res.* 2010 Sep;25(9):1972-9. PMID: PMC20572022.
446. **Cauley JA**, Blackwell T, Zmuda JM, Bauer DC, Fullman RL, Ensrud KE, Stone KL, Lang TF, Barrett-Connor E, Orwoll ES for the Osteoporotic Fractures in Men (MrOS). Correlates of trabecular and cortical volumetric bone mineral density (vBMD) at the femoral neck and lumbar spine: The Osteoporotic Fractures in Men Study (MrOS). *J Bone Miner Res.* 2010 Sep;25(9):1958-71. PMID: PMC3727421.
447. Eastell R, Lang T, Boonen S, Cummings S, Delmas PD, **Cauley JA**, Horowitz Z, Kerzberg E, Bianchi G, Kendler D, Leung P, Man Z, Mesenbrink P, Eriksen EF, Black DM; for the HORIZON Pivotal Fracture Trial. Effect of once-yearly zoledronic acid on the spine and hip as measured by quantitative computed tomography: results of the HORIZON Pivotal Fracture Trial. *Osteoporos Int.* 2010;21(7):1277-1285.
448. Edwards B, Song J Dunlop D, Fink HA, **Cauley JA**. Functional decline after incident wrist fractures: The Study of Osteoporotic Fractures. *BMJ.* 2010 Jul 8;341. PMID: PMC2900548. \*
449. Cawthon PM, Parimi N, Barrett-Connor E, Laughlin GA, Ensrud KE, Hoffman AR, Shikany JM, **Cauley JA**, Lane NE, Bauer DC, Orwoll ES, Cummings SR; for the Osteoporotic Fractures in Men (MrOS) Research Group. Serum 25-Hydroxyvitamin D, parathyroid hormone, and mortality in older men. *J Clin Endocrinol Metab.* 2010 Oct;95(10):4625-34. PMID: PMC3050100.

450. Wang TJ, Zhang F, Richards JB, Kestenbaum B, van Meurs JB, Berry D, Kiel DP, Streeten EA, Ohlsson C, Koller DL, Peltonen L, Cooper JD, O'Reilly PF, Houston DK, Glazer NL, Vandenput L, Peacock M, Shi J, Rivadeneira F, McCarthy MI, Anneli P, de Boer IH, Mangino M, Kato B, Smyth DJ, Booth SL, Jacques PF, Burke GL, Goodarzi M, Cheung CL, Wolf M, Rice K, Goltzman D, Hidiroglou N, Ladouceur M, Wareham NJ, Hocking LJ, Hart D, Arden NK, Cooper C, Malik S, Fraser WD, Hartikainen AL, Zhai G, Macdonald HM, Forouhi NG, Loos RJ, Reid DM, Hakim A, Dennison E, Liu Y, Power C, Stevens HE, Jaana L, Vasani RS, Soranzo N, Bojunga J, Psaty BM, Lorentzon M, Foroufard T, Harris TB, Hofman A, Jansson JO, **Cauley JA**, Uitterlinden AG, Gibson Q, Järvelin MR, Karasik D, Siscovick DS, Econs MJ, Kritchevsky SB, Florez JC, Todd JA, Dupuis J, Hyppönen E, Spector TD. Common genetic determinants of vitamin D insufficiency: a genome-wide association study. *Lancet*. 2010;376(9736):180-8. PMID: NIHMS245647.
451. Orwoll ES, Nielson CM, Labrie F, Barrett-Connor E, **Cauley JA**, Cummings SR, Ensrud K, Karlsson M, Lau E, Leung PC, Lunggren O, Mellström D, Patrick AL, Stefanick ML, Nakamura K, Yoshimura N, Zmuda J, Vandenput L, Ohlsson C; for the Osteoporotic Fractures in Men (MrOS) Research Group. Evidence for geographical and racial variation in serum sex steroid levels in older men. *J Clin Endocrinol Metab*. 2010 Oct;95(10):E151-60. PMID: PMC3050097.
452. Swindell WR, Ensrud KE, Cawthon PM, **Cauley JA**, Cummings SR, Miller RA for the Study Of Osteoporotic Fractures Research Group. Indicators of "healthy aging" in older women (65-69 yrs of age). A data-mining approach based on prediction of long-term survival. *BMC Geriatr*. 2010 Aug 17;10(1):55. PMID: PMC2936300.
453. Orchard TS, **Cauley JA**, Frank GC, Neuhauser ML, Robinson JG, Snetelaar L, Tyllavsky F, Wactawski-Wende J, Young AM, Lu B, Jackson RD. Fatty acid consumption and risk of fracture in the Women's Health Initiative. *Am J Clin Nutr*. 2010;92(6):1452-60. PMID: PMC2980969.
454. Nam HS, Shin MH, Zmuda JM, Leung PC, Barrett-Connor E, Orwoll ES, **Cauley JA**; Osteoporotic Fractures in Men (MrOS) Research Group. Race/ethnic differences in bone mineral densities in older men. *Osteoporos Int*. 2010;21:2115-2123. PMID: PMC2974925. \*
455. Lee JS, Buzková P, Fink HA, Vu J, Carbone L, Chen Z, **Cauley J**, Bauer DC, Cappola AR, Robbins J. Subclinical thyroid dysfunction and incident hip fracture in older adults. *Arch Intern Med*. 2010 Nov 22;170(21):1876-83. PMID: PMC2999979.
456. Coleman AL, Yu F, Ensrud KE, Stone KL, **Cauley JA**, Pedula KL, Hochberg MC, Mangione CM. Impact of age-related macular degeneration on vision-specific quality of life: Follow-up from the 10-year and 15-year visits of the Study of Osteoporotic Fractures. *Am J Ophthalmol*. 2010;150(5):683-91. PMID: NIHMS210358.
457. Ensrud K, LaCroix A, Thompson JR, Thompson DD, Eastell R, Reid DM, Vukicevic S, **Cauley J**, Barrett-Connor E, Armstrong R, Welty F, Cummings S. Lasofoxifene and cardiovascular events in postmenopausal women with osteoporosis: Five-year results from the Postmenopausal Evaluation and Risk Reduction with Lasofoxifene (PEARL) trial. *Circulation*. 2010;122(17):1716-24. PMID: NIHMS398239.
458. Studenski S, Perera S, Patel K, Rosano C, Faulkner K, Inzitari M, Brach J, Chandler J, Cawthon P, Connor EB, Nevitt M, Visser M, Kritchevsky S, Badinelli S, Harris T, Newman AB, **Cauley J**, Ferrucci L, Guralnik J. Gait speed and survival in older adults. *JAMA*. 2011;305(1):50-58. PMID: PMC3080184.
459. Sheu Y, Bauer DC, Zmuda JM, Boudrea R, Petit M, Gordon C and **Cauley JA**. Bone strength measured by peripheral quantitative computed tomography and the risk of non-vertebral fractures: The Osteoporosis Fractures in Men Study (MrOS). *J Bone Miner Res*. 2011 Jan;26(1):63-71. PMID: PMC3179319. \*



460. Beck TJ, Kohlmeier LA, Petit MA, Wu G, Leboff MS, **Cauley JA**, Nicholas S, Chen Z. Confounders in the association between exercise and femur bone in postmenopausal women. *Med Sci Sports Exerc.* 2011 Jan;43(1):80-9. PMID: PMC20473223.
461. Bea JW, Zhao Q, **Cauley JA**, Lacroix AZ, Bassford T, Lewis CE, Jackson RD, Tylavsky FA, Chen Z. Effect of hormone therapy on lean body mass, falls, and fractures: 6-year results from the Women's Health Initiative hormone trials. *Menopause.* 2011 Jan;18(1):44-52. PMID: NIHMS213455.
462. Chen Z, Thomson CA, Aickin M, Nicholas JS, Van Wyck D, Lewis CE, **Cauley JA**, Bassford T; Short list of Women's Health Initiative Investigators. The relationship between incidence of fractures and anemia in older multiethnic women. *J Am Geriatr Soc.* 2010 Dec;58(12):2337-44. PMID: PMC3058294.
463. Ensrud KE, Ewing SK, Fredman L, Hochberg MC, **Cauley JA**, Hillier TA, Cummings SR, Yaffe K, Cawthon PM; Study of Osteoporotic Fractures Research Group. Circulating 25-hydroxyvitamin D levels and frailty status in older women. *J Clin Endocrinol Metab.* 2010 Dec;95(12):5266-73. PMID: PMC2999979.
464. Mackey DC, Hubbard AE, Cawthon PM, **Cauley JA**, Cummings SR, Tager IB for the Osteoporotic Fractures in Men Research Group. Usual Physical Activity and Hip Fracture in Older Men: An Application of Semiparametric Methods to Observational Data. *Am J Epidemiol* 2011;173(5):578-86. PMID: PMC3105440.
465. Rariy CM, Ratcliffe SJ, Weinstein R, Bhasin S, Blackman MR, **Cauley JA**, Robbins J, Zmuda JM, Harris TB, Cappola AR. Higher Serum Free Testosterone Concentration in Older Women Is Associated with Greater Bone Mineral Density, Lean Body Mass, and Total Fat Mass: the Cardiovascular Health Study. *J Clin Endocrinol Metab.* 2011 96(4):989-96. PMID: PMC3070250.
466. Jackson RD, Wright NC, Beck TJ, Sherrill D, **Cauley JA**, Lewis CE, Lacroix AZ, Leboff MS, Going S, Bassford T, Chen Z. Calcium Plus Vitamin D Supplementation Has Limited Effects on Femoral Geometric Strength in Older Postmenopausal Women: The Women's Health Initiative. *Calcif Tissue Int.* 2011; 88(3):198-208. PMID: NIHMS474602.
467. Miljkovic I, Bodnar LM, **Cauley JA**, Bunker CH, Patrick AL, Wheeler VW Kuller LH, Zmuda JM. Low prevalence of vitamin D deficiency in elderly Afro-Caribbean men. *Ethn Dis.* 2011 Winter;21(1):79-84. PMID: PMC3095488.
468. Ensrud KE, Blackwell TL, **Cauley JA**, Cummings SR, Barrett-Connor E, Dam TT, Hoffman AR, Shikany JM, Lane NE, Stefanick ML, Orwoll ES, Cawthon PM; Osteoporotic Fractures in Men Study Group. Circulating 25-hydroxyvitamin D levels and frailty in older men: the osteoporotic fractures in men study. *J Am Geriatr Soc.* 2011 Jan;59(1):101-6. PMID: PMC3343694.
469. Sheu Y, **Cauley JA**. The Role of Bone Marrow and Visceral Fat on Bone Metabolism. *Curr Osteoporos Rep.* 2011 Jun;9(2):67-75. PMID: PMC4188476. \*
470. Reeves KW, Stone RA, Modugno F, Ness RB, Vogel VG, Weissfeld JL, Habel LA, Vuga M, **Cauley JA**. A method to estimate off-schedule observations in a longitudinal study. *Ann Epidemiol.* 2011 Apr;21(4):297-303. PMID: PMC3073647. \*
471. Farhat G, Cumming SR, Chlebowski R, Parimi N, **Cauley JA**, Rohan T, Huang A, Vitolins M, Hubbell FA, Manson J, Cochrane B, Lane D and Lee J. Sex hormones and risk of estrogen receptor-negative and estrogen receptor-positive breast cancer. *J of National Cancer Institute,* 2011 Apr 6;103(7):562-70. PMID: PMC3071353.
472. Ashburner JM, **Cauley JA**, Cawthon P, Ensrud KE, Hochberg MC, Fredman L. Self-ratings of Health and Change in Walking Speed Over 2 Years: Results From the Caregiver-Study of Osteoporotic Fractures. *Am J Epidemiol.* 2011 Apr 15;173(8):882-9. PMID: PMC3105256.

473. Khalil N, Sutton-Tyrrell K, Strotmeyer ES, Greendale GA, Vuga M, Selzer F, Crandall CJ, **Cauley JA**. Menopausal bone changes and incident fractures in diabetic women: a cohort study. *Osteoporos Int* 2011; 22(5):1367. PMID: PMC2992105. \*
474. Diem SJ, Blackwell TL, Stone KL, **Cauley JA**, Hillier TA, Haney EM, Ensrud KE. Use of antidepressants and risk of fracture in older women. *Calcified Tissue Intl, Calcif Tissue Int*. 2011 Jun;88(6):476-484. PMID: NIHMS290499.
475. Nelson DA, Beck TJ, Wu G, Lewis CE, Bassford T, **Cauley JA**, Leboff MS, Going SB, Chen Z. Ethnic differences in femur geometry in the women's health initiative observational study. *Osteoporos Int*. 2011 May;22(5):1377-88.
476. Robinson-Cohen, C, Katz R, Hoofnagle AN, **Cauley JA**, Furbert DC, Robbins JA, Zhen C, Siscovick DS, de Boer IH, Kestenbaum B. Mineral metabolism markers and the long-term risk of hip fracture: The Cardiovascular Health Study. *J Clin Endocrin Metab*, 2011 Jul;96(7):2186-93. PMID: PMC3135189.
477. Schwartz AV, Vittinghoff E, Bauer DC, Hillier TA, Strotmeyer ES, Ensrud KE, Donaldson MG, **Cauley JA**, Harris TB, Koster A, Womack CR, Palermo L, Black DM for the Study of Osteoporotic Fractures (SOF), the Osteoporotic Fractures in Men (MrOS), and the Health, Aging, and Body Composition (Health ABC) Research Groups. Association of BMD and FRAX score with risk of fracture in older adults with type 2 diabetes. *JAMA*. 2011;305:2184-2192. PMID: PMC3287389.
478. **Cauley JA**, Black D, Boonen S, Cummings SR, Mesenbrink P, Palermo L, Man Z, Hadji P, Reid IR; on behalf of the HORIZON Pivotal Fracture Group. Once-yearly zoledronic acid and days of disability, bed rest, and back pain: Randomized, controlled HORIZON Pivotal Fracture Trial. *J Bone Miner Res*. 2011 May;26(5):984-992.
479. Koster A, Ding J, Stenholm S, Caserotti P, Houston DK, Nicklas BJ, You T, Lee JS, Visser M, Newman AB, Schwartz AV, **Cauley JA**, Tylavsky FA, Goodpaster BH, Kritchevsky SB, Harris TB; for the Health ABC study. Does the Amount of Fat Mass Predict Age-Related Loss of Lean Mass, Muscle Strength, and Muscle Quality in Older Adults? *J Gerontol A Biol Sci Med Sci*. 2011 Aug;66A(8):888-895. PMID: PMC3184893.
480. Helzner EP, Patel AS, Pratt S, Sutton-Tyrrell K, **Cauley JA**, Talbott E, Kenyon E, Harris TB, Satterfield S, Ding J, Newman AB. Hearing Sensitivity in Older Adults: Associations with Cardiovascular Risk Factors in the Health, Aging and Body Composition Study. *J Am Geriatr Soc*. 2011 Jun;59(6):972-979. PMID: NIHMS341664. \*
481. Sambrook PN, Silverman SL, **Cauley JA**, Recknor C, Olson M, Su G, Boonen S, Black D, Adachi JD; HORIZON Pivotal Fracture Trial. Health-related quality of life and treatment of postmenopausal osteoporosis: results from the HORIZON-PFT. *Bone*. 2011 Jun 1;48(6):1298-304. PMID: NIHMS397263.
482. Premaor MO, Hillier T, Lui L, **Cauley JA**, Cummings SR. Risk factors for non-vertebral fracture in obese older women. *J Clin Endocrin Metab*, 2011 Aug;96(8):2414-2421. PMID: PMC3146794.
483. **Cauley JA**, El-Hajj Fuleihan G, Arabi A, Fujiwara S, Ragi-Eis S, Calderon A, Chionh SB, Chen Z, Curtis JR, Danielson ME, Hanley DA, Kroger H, Kung AW, Lesnyak O, Nieves J, Pluskiewicz W, El Rassi R, Silverman S, Schott AM, Rizzoli R, Luckey M; FRAX(®) Position Conference Members. Official Positions for FRAX(®) Clinical Regarding International Differences From Joint Official Positions Development Conference of the International Society for Clinical Densitometry and International Osteoporosis Foundation on FRAX(®). *J Clin Densitom*. 2011 Jul-Sep;14(3):240-62.

484. Hans DB, Kanis JA, Baim S, Bilezikian JP, Binkley N, **Cauley JA**, Compston JE, Cooper C, Dawson-Hughes B, El-Hajj Fuleihan G, Leslie WD, Lewiecki EM, Luckey MM, McCloskey EV, Papapoulos SE, Poiana C, Rizzoli R; FRAX(®) Position Development Conference Members. Joint Official Positions of the International Society for Clinical Densitometry and International Osteoporosis Foundation on FRAX(®) Executive Summary of the 2010 Position Development Conference on Interpretation and Use of FRAX(®) in Clinical Practice. *J Clin Densitom.* 2011 Jul-Sep;14(3):171-80.
485. **Cauley JA**, El-Hajj Fuleihan G, Luckey MM; FRAX(®) Position Development Conference Members. FRAX(®) International Task Force of the 2010 Joint International Society for Clinical Densitometry & International Osteoporosis Foundation Position Development Conference. *J Clin Densitom.* 2011 Jul-Sep;14(3):237-9.
486. Kanis JA, Hans D, Cooper C, Baim S, Bilezikian JP, Binkley N, **Cauley JA**, Compston JE, Dawson-Hughes B, El-Hajj Fuleihan G, Johansson H, Leslie WD, Lewiecki EM, Luckey M, Oden A, Papapoulos SE, Poiana C, Rizzoli R, Wahl DA, McCloskey EV; Task Force of the FRAX Initiative. Interpretation and use of FRAX in clinical practice. *Osteoporos Int.* 2011 Sep;22(9):2395-411.
487. Endogenous Hormones and Breast Cancer Collaborative Group, Key TJ, Appleby PN, Reeves GK, Roddam AW, Helzlsouer KJ, Alberg AJ, Rollison DE, Dorgan JF, Brinton LA, Overvad K, Kaaks R, Trichopoulos A, Clavel-Chapelon F, Panico S, Duell EJ, Peeters PH, Rinaldi S, Fentiman IS, Dowsett M, Manjer J, Lenner P, Hallmans G, Baglietto L, English DR, Giles GG, Hopper JL, Severi G, Morris HA, Hankinson SE, Tworoger SS, Koenig K, Zeleniuch-Jacquotte A, Arslan AA, Toniolo P, Shore RE, Krogh V, Micheli A, Berrino F, Barrett-Connor E, Laughlin GA, Kabuto M, Akiba S, Stevens RG, Neriishi K, Land CE, **Cauley JA**, Lui LY, Cummings SR, Gunter MJ, Rohan TE, Strickler HD. Circulating sex hormones and breast cancer risk factors in postmenopausal women: reanalysis of 13 studies. *Br J Cancer.* 2011, Aug 23;105(5):709-22. PMID: PMC3188939.
488. Beasley JM, Aragaki AK, Lacroix AZ, Neuhauser ML, Tinker LF, **Cauley JA**, Ensrud KE, Jackson RD, Prentice RL. Higher Biomarker-Calibrated Protein Intake Is Not Associated with Impaired Renal Function in Postmenopausal Women. *J Nutr.* 2011;14(8):1502-7. PMID: PMC3138641.
489. Barbour KE, Zmuda JM, Boudreau R, Strotmeyer ES, Horwitz MJ, Evans RW, Kanaya AM, Harris TB, Bauer DC, **Cauley JA**. Adipokines and the risk of fracture in older adults. *J Bone Miner Res.* 2011 Jul;26(7):1568-76. PMID: NIHMS482517. \*
490. Shea MK, Houston DK, Tooze JA, Davis CC, Johnson MA, Hausman DB, **Cauley JA**, Bauer DC, Tylavsky F, Harris TB, Kritchevsky SB; Health, Aging and Body Composition Study. Correlates and prevalence of insufficient 25-hydroxyvitamin D status in black and white older adults: the health, aging and body composition study. *J Am Geriatr Soc.* 2011 Jul;59(7):1165-74. PMID: PMC3282467.
491. **Cauley JA**. Defining ethnic and racial differences in osteoporosis and fragility fractures. *Clin Orthop Relat Res.* 2011 Jul;469(7):1891-9. Review. PMID: PMC3111798.
492. Miljkovic I, **Cauley JA**, Dressen AS, Gordon CL, Goodpaster BH, Kuller LH, Bunker CH, Patrick AL, Wheeler VW, Orwoll ES, Zmuda JM. Bioactive androgens and glucuronidated androgen metabolites are associated with subcutaneous and ectopic skeletal muscle adiposity among older black men. *Metabolism.* 2011 Aug;60(8):1178-85. PMID: PMC3106138.
493. Donaldson MG, Cawthon PM, Schousboe JT, Ensrud KE, Lui LY, **Cauley JA**, Hillier TA, Taylor BC, Hochberg MC, Bauer DC, Cummings SR; Study of Osteoporotic Fractures (SOF). Novel methods to evaluate fracture risk models. *J Bone Miner Res.* 2011 Aug;26(8):1767-73. PMID: PMC3544194.

494. Hillier TA, **Cauley JA**, Rizzo JH, Pedula KL, Ensrud KE, Bauer DC, Lui LY, Vesco KK, Black DM, Donaldson MG, Leblanc ES, Cummings SR. WHO absolute fracture risk models (FRAX): do clinical risk factors improve fracture prediction in older women without osteoporosis? *J Bone Miner Res*. 2011 Aug;26(8):1774-82. PMID: PMC3622725.
495. Everson-Rose SA, Paudel M, Taylor BC, Dam T, Cawthon PM, Leblanc E, Strotmeyer ES, **Cauley JA**, Stefanick ML, Barrett-Connor E, Ensrud KE; Osteoporotic Fractures in Men Research Group. Metabolic syndrome and physical performance in elderly men: the osteoporotic fractures in men study. *J Am Geriatr Soc*. 2011 Aug;59(8):1376-84. PMID: PMC3545517.
496. Crandall CJ, **Cauley JA**. ACP Journal Club. Calcium plus vitamin D was associated with increased cardiovascular risk in women not taking personal calcium supplements. *Ann Intern Med*. 2011 Aug 16;155(4):JC2-3.
497. Barbour KE, Zmuda JM, Horwitz M, Evans R, Strotmeyer ES, Boudreau R, **Cauley JA**. The association of serum 25-hydroxyvitamin D with indicators of bone quality in men of Caucasian and African Ancestry men. *Osteoporos Int* 2011; Sep;22(9):2475-85. PMID: PMC3539808. \*
498. Chen Z, Qi L, Beck T, Robbins J, Wu G, Lewis CE, **Cauley JA**, Wright NC, Seldin MF. Stronger bone correlates with African admixture in African American women. *J Bone Miner Res*. 2011 Sep;26(9):2307-16.
499. **Cauley JA**, Danielson ME, Boudreau R, Barbour KE, Horwitz MJ, Bauer DC, Ensrud KE, Manson JE, Wactawski-Wende J, Shikany JM, Jackson RD. Serum 25-hydroxyvitamin D and clinical fracture risk in a multiethnic cohort of women: The women's health initiative (WHI). *J Bone Miner Res*. 2011 Oct;26(10):2378-88. PMID: NIHMS305356.
500. Yaffe K, Lindquist K, Schwartz AV, Vitartas C, Vittinghoff E, Satterfield S, Simonsick EM, Launer L, Rosano C, **Cauley JA**, Harris T. Advanced glycation end product level, diabetes, and accelerated cognitive aging. *Neurology*. 2011 Oct 4;77(14):1351-6. PMID: PMC3182758.
501. Leblanc ES, Hillier TA, Pedula KL, Rizzo JH, Cawthon PM, Fink HA, **Cauley JA**, Bauer DC, Black DM, Cummings SR, Browner WS. Hip Fracture and Increased Short-term but Not Long-term Mortality in Healthy Older Women. *Arch Intern Med*. 2011;171(20):1831-7. PMID: NIHMS418554.
502. Leblanc ES, Wang PY, Lee CG, Barrett-Connor E, **Cauley JA**, Hoffman AR, Laughlin GA, Marshall LM, Orwoll ES. Higher Testosterone Levels Are Associated with Less Loss of Lean Body Mass in Older Men. *J Clin Endocrinol Metab*. 2011 Dec;96(12):3855-63. PMID: PMC3232620.
503. Tranah G, Stone K, Yaffe K, Ancoli Israel S, Redline S, **Cauley JA**, Ensrud K, Paudel M, Hillier, Blackwell T, Cummings S. Circadian activity rhythms and risk of incident dementia and MCI in older women. *Annals of Neurology*, 2011 Nov;70(5):722-32. PMID: PMC3244839.
504. Simon MS, Rosenberg CA, Rodabough RJ, Greenland P, Ockene I, Roy HK, Lane DS, **Cauley JA**, Khandekar J. Prospective Analysis of Association Between Use of Statins or Other Lipid-Lowering Agents and Colorectal Cancer Risk. *Ann Epidemiol*. 2012 Jan;22(1):17-27. PMID: NIHMS515428.
505. Ishii S, **Cauley JA**, Crandall CJ, Srikanthan P, Greendale GA, Huang MH, Danielson ME, Karlamangla AS. Diabetes and Femoral Neck Strength: Findings from The Hip Strength Across the Menopausal Transition Study. *J Clin Endocrinol Metab*. 2012 Jan;97(1):190-7. PMID: PMC3251942.
506. Gourlay ML, Fine JP, Preisser JS, May RC, Li C, Lui LY, Ransohoff DF, **Cauley JA**, Ensrud KE for the Study of Osteoporotic Fractures Research Group. Bone mineral density testing interval and transition to osteoporosis in older postmenopausal women. *N Engl J Med*. 2012 Jan 19;366(3):225-33. PMID: NIHMS356906. *Selected as one of the top 10 clinical research achievements for 2013.*

507. Hillier TA, Lui LY, Kado DM, Leblanc E, Vesco KK, Bauer DC, **Cauley JA**, Ensrud KE, Black DM, Hochberg MC, Cummings SR. Height loss in older women: Risk of hip fracture and mortality independent of vertebral fractures. *J Bone Miner Res.* 2012 Jan;27(1):153-9. PMID: NIHMS335942.
508. Wright NC, Lisse JR, Beck TJ, Sherrill DL, Mohler MJ, Bassford T, **Cauley JA**, Lacroix AZ, Lewis CE, Chen Z. Rheumatoid Arthritis is Associated With Less Optimal Hip Structural Geometry. *J Clin Densitom.* 2012 Jan-Mar;15(1):39-48. PMID: NIHMS305876.
509. Woodard GA, Narla VV, Ye R, **Cauley JA**, Thompson T, Matthews KA, Sutton-Tyrrell K. Racial differences in the association between carotid plaque and aortic and coronary artery calcification among women transitioning through menopause. *Menopause.* 2012 Feb;19(2):157-63. PMID: NIHMS309023.
510. Black DM, Reid IR, Boonen S, Bucci-Rechtweg C, **Cauley JA**, Cosman F, Cummings SR, Hue TF, Lippuner K, Lakatos P, Leung PC, Man Z, Martinez R, Tan M, Ruzycky ME, Su G, Eastell R. The effect of 3 versus 6 years of zoledronic acid treatment of osteoporosis: a randomized extension to the HORIZON-Pivotal Fracture Trial (PFT). *J Bone Miner Res.* 2012 Feb;27(2):243-54. PMID: PMC3427916.
511. Crandall CJ, Aragaki AK, **Cauley JA**, McTiernan A, Manson JE, Anderson G, Chlebowski RT. Breast tenderness and breast cancer risk in the estrogen plus progestin and estrogen-alone women's health initiative clinical trials. *Breast Cancer Res Treat.* 2012 Feb;132(1):275-85. PMID: NIHMS480062.
512. Crandall CJ, Aragaki AK, **Cauley JA**, McTiernan A, Manson JE, Anderson GL, Wactawski-Wende J, Chlebowski RT. Breast tenderness after initiation of conjugated equine estrogens and mammographic density change. *Breast Cancer Res Treat.* 2012 Feb;131(3):969-79. PMID: PMC3685488.
513. Katzman W, Cawthon P, Hicks GE, Vittinghoff E, Shepherd J, **Cauley JA**, Harris T, Simonsick EM, Strotmeyer E, Womack C, Kado DM. Association of Spinal Muscle Composition and Prevalence of Hyperkyphosis in Healthy Community-Dwelling Older Men and Women. *J Gerontol A Biol Sci Med Sci.* 2012 Feb;67(2):191-5. PMID: PMC3297013.
514. Bow CH, Cheung E, Cheung CL, Xiao SM, Loong C, Soong C, Tan KC, Luckey MM, **Cauley JA**, Fujiwara S, Kung AW. Ethnic difference of clinical vertebral fracture risk. *Osteoporos Int.* 2012 Mar;23(3):879-85. PMID: PMC3277693.
515. **Cauley JA.** Bone loss associated with prevention of breast cancer. *Lancet Oncol.* 2012 Mar;13(3):221-2. PMID: 22318094.
516. Ensrud KE, Barbour K, Canales MT, Danielson ME, Boudreau RM, Bauer DC, Lacroix AZ, Ishani A, Jackson RD, Robbins JA, **Cauley JA.** Renal function and nonvertebral fracture risk in multiethnic women: the Women's Health Initiative (WHI). *Osteoporos Int.* 2012 Mar;23(3):887-99. PMID: PMC3643305.
517. Ishii S, **Cauley JA**, Greendale GA, Danielson ME, Safaei Nili N, Karlamangla A. Ethnic differences in composite indices of femoral neck strength. *Osteoporos Int.* 2011 2012 Apr;23(4):1381-90. Erratum in: *Osteoporos Int.* 2012 Apr;23(4):1391-2. PMID: NIHMS328403.
518. Estrada K, Styrkarsdottir U, Evangelou E, Hsu YH, Duncan EL, Ntzani EE, Oei L, Albagha OM, Amin N, Kemp JP, Koller DL, Li G, Liu CT, Minster RL, Moayyeri A, Vandenput L, Willner D, Xiao SM, Yerges-Armstrong LM, Zheng HF, **Cauley JA** et al. Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture. *Nat Genet.* 2012 Apr 15;44(5):491-501. PMID: PMC3338864.

519. Gourlay ML, Preisser JS, Lui LY, **Cauley JA**, Ensrud KE; the Study of Osteoporotic Fractures Research Group. BMD screening in older women: Initial measurement and testing interval. *J Bone Miner Res.* 2012 Apr;27(4):743-6. PMID: NIHMS441800.
520. Cecchini RS, Costantino JP, **Cauley JA**, Cronin WM, Wickerham DL, Land SR, Weissfeld JL, Wolmark N. Body Mass Index and the Risk for Developing Invasive Breast Cancer among High-Risk Women in NSABP P-1 and STAR Breast Cancer Prevention Trials. *Cancer Prev Res (Phila).* 2012 Apr;5(4):583-92. PMID:NIHMS356488. \*
521. Barbour KE, Boudreau R, Danielson ME, Youk AO, Wactawski-Wende J, Greep NC, Lacroix AZ, Jackson RD, Wallace RB, Bauer DC, Allison MA, **Cauley JA**. Inflammatory markers and the risk of hip fracture: The women's health initiative. *J Bone Miner Res.* 2012 May;27(5):1167-1176. PMID: PMC3361578. \*
522. Barbour KE, Houston DK, Cummings SR, Boudreau R, Prasad T, Sheu Y, Bauer DC, Tooze JA, Kritchevsky SB, Tyllavsky FA, Harris TB, **Cauley JA**; the Health ABC study. Calcitropic hormones and the risk of hip and non-spine fractures in older adults: The Health ABC study. *J Bone Miner Res.* 2012 May;27(5):1177-1185.PMID: PMC22228250. \*
523. Vesco KK, Marshall LM, Nelson HD, Humphrey L, Rizzo J, Pedula KL, **Cauley JA**, Ensrud KE, Hochberg MC, Antonucci D, Hillier TA; for the Study of Osteoporotic Fractures. Surgical menopause and nonvertebral fracture risk among older US women. *Menopause.* 2012 May;19(5):510-516. PMID: PMC3342015.
524. Barbour KE, Zmuda JM, Boudreau R, Strotmeyer ES, Horwitz MJ, Evans RW, Kanaya AM, Harris TB, **Cauley JA**; The Health ABC Study. The effects of adiponectin and leptin on changes in bone mineral density. *Osteoporos Int.* 2012 Jun;23:1699-1710. PMID: PMC3536828. \*
525. Curtis JR, Ewing SK, Bauer DC, **Cauley JA**, Cawthon PM, Barrett-Connor E, Haney EM, Ishani A, Cremers S, Orwoll E. Association of Intact Parathyroid Hormone Levels with Subsequent Hip BMD Loss: The Osteoporotic Fractures in Men (MrOS) Study. *J Clin Endocrinol Metab.* 2012 Jun;97(6):1937-44. PMID: PMC3387420.
526. Arasu A, Cawthon PM, Lui LY, Do TP, Arora PS, **Cauley JA**, Ensrud KE, Cummings SR; The Study of Osteoporotic Fractures Research Group. Serum Sclerostin and Risk of Hip Fracture in Older Caucasian Women. *J Clin Endocrinol Metab.* 2012;97(6):2027-2032. PMID: PMC3387417.
527. Yenckel RH, Ix JH, Shlipak MG, Bauer DC, Rianon NJ, Kritchevsky SB, Harris TB, Newman AB, **Cauley JA**, Fried LF; for the Health, Aging, and Body Composition Study. Bone Mineral Density and Fracture Risk in Older Individuals with CKD. *Clin J Am Soc Nephrol.* 2012 Jul;7(7):1130-1136. PMID: PMC3386677.
528. Boonen S, Eastell R, Su G, Mesenbrink P, Cosman F, **Cauley JA**, Reid IR, Claessens F, Vanderschueren D, Lyles KW, Black DM. Time to onset of antifracture efficacy and year-by-year persistence of effect of zoledronic acid in women with osteoporosis. *J Bone Miner Res.* 2012 Jul;27(7):1487-93. PMID: PMC3636532.
529. Napoli N, Jin J, Peters K, Wustrack R, Burch S, Chau A, **Cauley J**, Ensrud K, Kelly M, Black DM. Are Women with Thicker Cortices in the Femoral Shaft at Higher Risk of Subtrochanteric/ Diaphyseal Fractures? The Study of Osteoporotic Fractures. *J Clin Endocrinol Metab.* 2012 Jul;97(7):2414-22. PMID: PMC3387394.
530. Bischoff-Ferrari HA, Willett WC, Orav EJ, Lips P, Meunier PJ, Lyons RA, Flicker L, Wark J, Jackson RD, **Cauley JA**, Meyer HE, Pfeifer M, Sanders KM, Stähelin HB, Theiler R, Dawson-Hughes B. A pooled analysis of vitamin D dose requirements for fracture prevention. *N Engl J Med.* 2012 Jul 5;367(1):40-9. PMID: 22762317.

531. Reeves K, McLaughlin V, Fredman L, Ensrud K and **Cauley JA**. Components of metabolic syndrome and risk of breast cancer by prognostic features in the study of osteoporotic fractures cohort. *Cancer Causes Control*. 2012 Aug;23(8):1241-51. PMID: NIHMS439990. \*
532. Cawthon PM, Ewing SK, Mackey DC, Fink HA, Cummings SR, Ensrud KE, Stefanick ML, Bauer DC, **Cauley JA**, Orwoll ES; for the Osteoporotic Fractures in Men (MrOS) Research Group. Change in hip bone mineral density and risk of subsequent fractures in older men. *J Bone Miner Res*. 2012 Oct;27(10):2179-2188. PMID: NIHMS381081.
533. Liu CT, Estrada K, Yerges-Armstrong LM, Amin N, Evangelou E, Li G, Minster RL, Carless MA, Kammerer CM, Oei L, **Cauley JA** et al. Assessment of gene-by-sex interaction effect on bone mineral density. *J Bone Miner Res*. 2012 Oct;27(10):2051-64. PMID: NIHMS383396.
534. Yaffe K, Falvey C, Hamilton N, Schwartz AV, Simonsick EM, Satterfield S, **Cauley JA**, Rosano C, Launer LJ, Strotmeyer ES, Harris TB. Diabetes, Glucose Control, and 9-Year Cognitive Decline Among Older Adults Without Dementia. *Arch Neurol*. 2012 Sep 1;69(9):1170-5. PMID: PMC3752423.
535. Golden SH, Brown A, **Cauley JA**, Chin MH, Gary-Webb TL, Kim C, Sosa JA, Sumner AE, Anton B. Health in Endocrine Disorders: Biological, Clinical, and Nonclinical Factors--An Endocrine Society Scientific Statement. *J Clin Endocrinol Metab*. 2012 Sep;97(9):E1579-639. PMID: PMC3431576.
536. Leblanc ES, Rizzo JH, Pedula KL, Ensrud KE, **Cauley J**, Hochberg M, Hillier For The Study Of Osteoporotic Fractures TA. Associations Between 25-Hydroxyvitamin D and Weight Gain in Elderly Women. *J Womens Health (Larchmt)*. 2012 Oct;21(10):1066-73. PMID: PMC3466912.
537. Giacony JA, Yu F, Stone KL, Pedula KL, Ensrud KE, **Cauley JA**, Hochberg MC, Coleman AL; Study of Osteoporotic Fractures Research Group. The Association of Consumption of Fruits/Vegetables With Decreased Risk of Glaucoma Among Older African-American Women in the Study of Osteoporotic Fractures. *Am J Ophthalmol*. 2012;154(4):635-44. PMID: NIHMS368604.
538. Ishii S, Greendale GA, **Cauley JA**, Crandall CJ, Huang MH, Danielson ME, Karlamangla AS. Fracture Risk Assessment without Race/Ethnicity Information. *J Clin Endocrinol Metab*. 2012;97(10):3593-602. PMID: PMC3462938.
539. **Cauley JA**, Danielson ME, Greendale GA, Finkelstein JS, Chang YF, Lo JC, Crandall CJ, Neer RM, Ruppert K, Meyn L, Prairie BA, Sowers MR. Bone resorption and fracture across the menopausal transition: the Study of Women's Health Across the Nation. *Menopause*. 2012;19(11):1200-7. PMID: PMC3483443.
540. Byers AL, Vittinghoff E, Lui LY, Hoang T, Blazer DG, Covinsky KE, Ensrud KE, **Cauley JA**, Hillier TA, Fredman L, Yaffe K. Twenty-year depressive trajectories among older women. *Arch Gen Psychiatry*. 2012 Oct 1;69(10):1073-9. PMID: NIHMS447711.
541. Houston DK, Tooze JA, Neiberg RH, Hausman DB, Johnson MA, **Cauley JA**, Bauer DC, Cawthon PM, Shea MK, Schwartz GG, Williamson JD, Tylavsky FA, Visser M, Simonsick EM, Harris TB, Kritchevsky SB; for the Health ABC Study. 25-Hydroxyvitamin D Status and Change in Physical Performance and Strength in Older Adults: The Health, Aging, and Body Composition Study. *Am J Epidemiol*. 2012 Dec 1;176(11):1025-1034. PMID: PMC3571245.
542. Garg R, Chen Z, Beck T, **Cauley JA**, Wu G, Nelson D, Lewis B, Lacroix A, Leboff MS. Hip geometry in diabetic women: Implications for fracture risk. *Metabolism*. 2012 Dec;61(12):1756-62. PMID: PMC3459306.

543. Levin GP, Robinson-Cohen C, de Boer IH, Houston DK, Lohman K, Liu Y, Kritchevsky SB, **Cauley JA**, Tanaka T, Ferrucci L, Bandinelli S, Patel KV, Hagström E, Michaëlsson K, Melhus H, Wang T, Wolf M, Psaty BM, Siscovick D, Kestenbaum B. Genetic variants and associations of 25-hydroxyvitamin D concentrations with major clinical outcomes. *JAMA*. 2012 Nov 14;308(18):1898-905. PMID: PMC3645444.
544. Mackey RH, Fanelli TJ, Modugno F, **Cauley JA**, McTigue KM, Brooks MM, Chlebowski RT, Manson JE, Klug TL, Kip KE, Curb JD, Kuller LH. Hormone Therapy, Estrogen Metabolism, and Risk of Breast Cancer in the Women's Health Initiative Hormone Therapy Trial. *Cancer Epidemiol Biomarkers Prev*. 2012 Nov;21(11):2022-32. PMID: NIHMS403757.
545. Cecchini R, Costantino JP, **Cauley JA**, Cronin WM, Wickerham DL, Bandos H, Weissfeld JL, Wolmark N. Baseline mammographic breast density and the risk of invasive breast cancer in postmenopausal women participating in the NSABP Study of Tamoxifen and Raloxifene (STAR). *Cancer Prev Res (Phila)*. 2012 Nov;5(11):1321-9. PMID: NIHMS412626. \*
546. Barrett-Connor E, Laughlin GA, Li H, Nielson CM, Wang PY, Dam TT, **Cauley JA**, Ensrud KE, Stefanick ML, Lau E, Hoffman AR, Orwoll ES; for the Osteoporotic Fractures in Men (MrOS) Research Group. The association of concurrent vitamin D and sex hormone deficiency with bone loss and fracture risk in older men: The osteoporotic fractures in men (MrOS) study. *J Bone Miner Res*. 2012 Nov;27(11):2306-2313. PMID: PMC3474871.
547. Kritchevsky SB, Tooze JA, Neiberg RH, Schwartz GG, Hausman DB, Johnson MA, Bauer DC, **Cauley JA**, Shea MK, Cawthon PM, Harris TB, Rubin SM, Tylavsky FA, Houston DK. 25-hydroxyvitamin D, parathyroid hormone, and mortality in Black and White older adults: The Health ABC Study. *J Clin Endocrinol Metab*. 2012 Nov;97(11):4156-4165. PMID: PMC3485585.
548. Aida-Yasuoka K, Peoples C, Yasuoka H, Hershberger P, Thiel K, **Cauley JA**, Medsger TA Jr, Feghali-Bostwick CA. Estradiol promotes the development of a fibrotic phenotype and is increased in the serum of patients with systemic sclerosis. *Arthritis Res Ther*. 2013 Jan 10;15(1):R10. PMID: PMC3672719.
549. Premaor M, Parker RA, Cummings S, Ensrud K, **Cauley JA**, Lui LY, Hillier T, Compston J; for the Study of Osteoporotic Fractures (SOF) Research Group. Predictive value of FRAX for fracture in obese older women. *J Bone Miner Res*. 2013 Jan;28(1):188-195. PMID: PMC3758132.
550. Metti AL, **Cauley JA**, Newman AB, Ayonayon HN, Barry LC, Kuller LM, Satterfield S, Simonsick EM, Yaffe K. Plasma beta amyloid level and depression in older adults. *J Gerontol A Biol Sci Med Sci*. 2013 Jan;68(1):74-9. PMID: PMC3598362. \*
551. Diem SJ, Harrison SL, Haney E, **Cauley JA**, Stone KL, Orwoll E, Ensrud KE; for the Osteoporotic Fractures in Men (MrOS) Research Group. Depressive symptoms and rates of bone loss at the hip in older men. *Osteoporos Int*. 2013 Jan;24(1):111-119. PMID: PMC3833356.
552. Shin MH, Choi JS, Rhee JA, Lee YH, Nam HS, Jeong SK, Park KS, Kim HY, Ryu SY, Choi SW, Kim HN, Song HR, **Cauley JA**, Kweon SS. APOE polymorphism and carotid atherosclerosis in Korean population: the Dong-gu Study and the Namwon Study. *Atherosclerosis*. 2014 Jan;232(1):180-5.
553. Prentice RL, Pettinger MB, Jackson RD, Wactawski-Wende J, Lacroix AZ, Anderson GL, Chlebowski RT, Manson JE, Van Horn L, Vitolins MZ, Datta M, Leblanc ES, **Cauley JA**, Rossouw JE. Health risks and benefits from calcium and vitamin D supplementation: Women's Health Initiative clinical trial and cohort study. *Osteoporos Int*. 2013 Feb;24(2):567-80. PMID: PMC3557387.



554. Houston DK, Neiberg RH, Tooze JA, Hausman DB, Johnson MA, **Cauley JA**, Bauer DC, Shea MK, Schwartz GG, Williamson JD, Harris TB, Kritchevsky SB; Health ABC Study. Low 25-hydroxyvitamin D predicts the onset of mobility limitation and disability in community-dwelling older adults: the Health ABC Study. *J Gerontol A Biol Sci Med Sci*. 2013 Feb;68(2):181-7. PMID: PMC3598356.
555. Napoli N, Schwartz AV, Palermo L, Jin JJ, Wustrack R, **Cauley JA**, Ensrud KE, Kelly M, Black DM. Risk factors for subtrochanteric and diaphyseal fractures: the study of osteoporotic fractures. *J Clin Endocrinol Metab*. 2013 Feb;98(2):659-67. PMID: PMC3565107.
556. Janney CA, Ganguli R, Richardson CR, Holleman RG, Tang G, **Cauley JA**, Kriska AM. Sedentary behavior and psychiatric symptoms in overweight and obese adults with schizophrenia and schizoaffective disorders (WAIST Study). *Schizophr Res*. 2013;145:63-68. PMID: NIHMS438018. \*
557. Bracken MB, Baker D, **Cauley JA**, Chambers C, Culhane J, Dabelea D, Dearborn D, Drews-Botsch CD, Dudley DJ, Durkin M, Entwisle B, Flick L, Hale D, Holl J, Hovell M, Hudak M, Paneth N, Specker B, Wilhelm M, Wyatt S. New Models for Large Prospective Studies: Is There a Risk of Throwing Out the Baby With the Bathwater? *Am J Epidemiol*. 2013 Feb 15;177(4):285-9.
558. Dallal CM, Brinton LA, Bauer DC, Buist DS, **Cauley JA**, Hue TF, Lacroix A, Tice JA, Chia VM, Falk R, Pfeiffer R, Pollak MN, Veenstra TD, Xu X, Lacey JV. Obesity-related hormones and endometrial cancer among postmenopausal women: a nested case-control study within the B~FIT cohort. *Endocr Relat Cancer*. 2013 Feb 18;20(1):151-160. PMID: PMC4038326. \*
559. Schousboe JT, Paudel ML, Taylor BC, Virnig BA, **Cauley JA**, Curtis JR, Ensrud KE. Magnitude and consequences of misclassification of incident hip fractures in large cohort studies: the Study of Osteoporotic Fractures and Medicare claims data. *Osteoporos Int*. 2013 Mar;24(3):801-10. PMID: NIHMS500327.
560. Chlebowski RT, Manson JE, Anderson GL, **Cauley JA**, Aragaki AK, Stefanick ML, Lane DS, Johnson KC, Wactawski-Wende J, Chen C, Qi L, Yasmeen S, Newcomb PA, Prentice RL. Estrogen Plus Progestin and Breast Cancer Incidence and Mortality in the Women's Health Initiative Observational Study. *J Natl Cancer Inst*. 2013 Apr 17;105(8):526-35. PMID: PMC3691942.
561. Danielson ME, Beck TJ, Lian Y, Karlamangla AS, Greendale GA, Ruppert K, Lo J, Greenspan S, Vuga M, **Cauley JA**. Ethnic variability in bone geometry as assessed by hip structure analysis: Findings from the Hip Strength Across the Menopausal Transition Study. *J Bone Miner Res* 2013 Apr;28(4):771-779. PMID: NIHMS411997. \*
562. White DK, Neogi T, Nevitt MC, Peloquin CE, Zhu Y, Boudreau RM, **Cauley JA**, Ferrucci L, Harris TB, Satterfield SM, Simonsick EM, Strotmeyer ES, Zhang Y. Trajectories of Gait Speed Predict Mortality in Well-Functioning Older Adults: The Health, Aging and Body Composition Study. *J Gerontol A Biol Sci Med Sci* 2013 Apr;68(4):456-64. PMID: PMC3593620.
563. Nam HS, Kewon SS, Choi JS, Zmuda JM, Leung PC, Lui LY, Hill DD, **Cauley JA**. Racial/ethnic differences in bone mineral density among older women. *J Bone Miner Metab*. 2013 Mar;31(2):190-8. PMID: PMC4109723. \*
564. Danielson ME, Beck T, Karlamangla , Greendale G, Lian Y, Keaveny T, Kopperdahl D, Ruppert K, Greenspan S, Vuga M, **Cauley JA**. A comparison of DXA and CT based methods for estimating the strength of the femoral neck in post-menopausal women. *Osteoporos Int*. 2013 Apr;24(4):1379-88. PMID: NIHMS438702. \*

565. Shin MH, Choi JS, Rhee JA, Lee YH, Nam HS, Jeong SK, Park KS, Kim HY, Ryu SY, Choi SW, Song HR, Kim HN, **Cauley JA**, Kweon SS. Association between Methylenetetrahydrofolate Reductase C677T Polymorphism and Bone Mineral Density: The Dong-gu Study and the Namwon Study. *J Korean Med Sci*. 2013 Jun;28(6):965-8. PMID: PMC3678020.
566. Ensrud KE, Parimi N, **Cauley JA**, Ishani A, Slinin Y, Hillier TA, Taylor BC, Steffes M, Cummings SR; Study of Osteoporotic Fractures (SOF). Cystatin C and risk of hip fractures in older women. *J Bone Miner Res*. 2013 Jun;28(6):1275-82. PMID: PMC3646079.
567. Sowers MR, Zheng H, Greendale GA, Neer RM, **Cauley JA**, Ellis J, Johnson S, Finkelstein JS. Changes in bone resorption across the menopause transition: effects of reproductive hormones, body size, and ethnicity. *J Clin Endocrinol Metab*. 2013 Jul;98(7):2854-63. PMID: PMC3701268.
568. Ishii S, **Cauley JA**, Greendale GA, Crandall CJ, Danielson ME, Ouchi Y, Karlamangla AS. C-Reactive Protein, Bone Strength, and Nine-Year Fracture Risk: Data From the Study of Women's Health Across the Nation (SWAN). *J Bone Miner Res*. 2013 Jul;28(7):1688-98. PMID: PMC3880424.
569. Metti AL, **Cauley JA**, Ayonayon HN, Harris TB, Rosano C, Williamson JD, Yaffe K; for the Health, Aging and Body Composition Study. The Demographic and Medical Correlates of Plasma A $\beta$ 40 and A $\beta$ 42. *Alzheimer Dis Assoc Disord*. 2013 July-September;27(3):244-249. PMID: NIHMS388402. \*
570. **Cauley JA**, Harrison SL, Cawthon PM, Ensrud KE, Danielson ME, Orwoll E, Mackey DC. Objective measures of physical activity, fractures and falls: The Osteoporotic Fractures in Men Study (MrOS). *J Am Geriatr Soc*. 2013 Jul;61(7):1080-8. PMID: PMC3713521.
571. Sheu Y, Marshall LM, Holton KF, Caserotti P, Boudreau RM, Strotmeyer ES, Cawthon PM, **Cauley JA**. Abdominal body composition measured by quantitative computed tomography and risk of non-spine fractures: the Osteoporotic Fractures in Men (MrOS) study. *Osteoporos Int*. 2013 Aug;24(8):2231-41. PMID: PMC3947542.
572. Thorson S, Prasad T, Sheu Y, Danielson ME, Arasu A, Cummings SR, **Cauley JA**. Sclerostin and bone strength in women in their 10th decade of life. *J Bone Miner Res*. 2013 Sep;28(9):2008-16. PMID: PMC3723747. \*
573. Ishii S, **Cauley JA**, Greendale GA, Crandall CJ, Huang MH, Danielson ME, Karlamangla AS. Trajectories of femoral neck strength in relation to the final menstrual period in a multi-ethnic cohort. *Osteoporos Int*. 2013;24(9):2471-81. PMID: PMC3880423.
574. Farhat GN, Parimi N, Chlebowski RT, Manson JE, Anderson G, Huang A, Vittinghoff E, Lee JS, LaCroix AZ, **Cauley JA**, Jackson R, Grady D, Lane D, Phillips L, Simon MS, Cummings SR. Sex hormone levels and risk of breast cancer with estrogen plus progestin. *J Natl Cancer Inst*. 2013 Oct 2;105(19):1496-1503. PMID: PMC3787910.
575. Manson JE, Chlebowski RT, Stefanick ML, Aragaki AK, Rossouw JE, Prentice RL, Anderson G, Howard BV, Thomson CA, Lacroix AZ, Wactawski-Wende J, Jackson RD, Limacher M, Margolis KL, Wassertheil-Smoller S, Beresford SA, **Cauley JA**, Eaton CB, Gass M, Hsia J, Johnson KC, Kooperberg C, Kuller LH, Lewis CE, Liu S, Martin LW, Ockene JK, O'Sullivan MJ, Powell LH, Simon MS, Van Horn L, Vitolins MZ, Wallace RB. Menopausal Hormone Therapy and Health Outcomes During the Intervention and Extended Poststopping Phases of the Women's Health Initiative Randomized Trials. *JAMA*. 2013 Oct 2;310(13):1353-1368. PMID: PMC3963523.
576. Miljkovic I, **Cauley JA**, Wang PY, Holton KF, Lee CG, Sheu Y, Barrett-Connor E, Hoffman AR, Lewis CB, Orwoll ES, Stefanick ML, Strotmeyer ES, Marshall LM; for the Osteoporotic Fractures in Men (MrOS) Research Group. Abdominal myosteatosis is independently associated to hyperinsulinemia and insulin resistance among older men without diabetes. *Obesity (Silver Spring)*. 2013;21(10):2118-25. PMID: PMC3661705.

577. Lacroix AZ, Jackson RD, Aragaki A, Kooperberg C, **Cauley JA**, Chen Z, Leboff MS, Duggan D, Wactawski-Wende J. OPG and sRANKL serum levels and incident hip fracture in postmenopausal Caucasian women in the Women's Health Initiative Observational Study. *Bone*. 2013 Oct;56(2):474-81. PMID: NIHMS487898.
578. Desai P, Chlebowski RT, **Cauley JA**, Manson JE, Wu C, Martin LW, Jay A, Bock CH, Cote ML, Petrucelli N, Rosenberg CA, Peters U, Agalliu I, Budrys N, Abdul-Hussein M, Lane DS, Luo J, Park HL, Thomas F, Wactawski-Wende J, Simon MS. Prospective Analysis of Association between Statin Use and Breast Cancer Risk in the Women's Health Initiative. *Cancer Epidemiol Biomarkers Prev*. 2013;22(10):1868-76. PMID: PMC3889164.
579. **Cauley JA**, Chlebowski RT, Wactawski-Wende J, Robbins JA, Rodabough RJ, Chen Z, Johnson KC, O'Sullivan MJ, Jackson RD, Manson JE. Calcium Plus Vitamin D Supplementation and Health Outcomes Five Years After Active Intervention Ended: The Women's Health Initiative. *J Womens Health (Larchmt)*. 2013;22(11):915-29. PMID: PMC3882746.
580. **Cauley JA**. Public Health Impact of Osteoporosis. *Gerontol A Biol Sci Med Sci*. 2013;68(10):1243-51. PMID: PMC3779634.
581. Diem SJ, Ruppert K, **Cauley JA**, Lian Y, Bromberger JT, Finkelstein JS, Greendale GA, Solomon DH. Rates of Bone Loss Among Women Initiating Antidepressant Medication Use in Midlife. *J Clin Endocrinol Metab*. 2013;98(11):4355-63. PMID: PMC3816266.
582. Horwitz MJ, Augustine M, Kahn L, Martin E, Oakley CC, Carneiro RM, Tedesco MB, Laslavic A, Sereika SM, Bisello A, Garcia-Ocaña A, Gundberg CM, **Cauley JA**, Stewart AF. A comparison of parathyroid hormone-related protein (1-36) and parathyroid hormone (1-34) on markers of bone turnover and bone density in postmenopausal women: The PrOP study. *J Bone Miner Res*. 2013;28(11):2266-76. PMID: PMC3789852.
583. Lane NE, Parimi N, Corr M, Yao W, **Cauley JA**, Nielson CM, Ix JH, Kado D, Orwoll E; Osteoporotic Fractures in Men (MrOS) Study Group. Association of serum fibroblast growth factor 23 (FGF23) and incident fractures in older men: The Osteoporotic Fractures in Men (MrOS) study. *J Bone Miner Res*. 2013 Nov;28(11):2325-32. PMID: PMC3805817.
584. Claman DM, Ewing SK, Redline S, Ancoli-Israel S, **Cauley JA**, Stone KL; Study of Osteoporotic Fractures Research Group. Periodic Leg Movements Are Associated with Reduced Sleep Quality in Older Men: The MrOS Sleep Study. *J Clin Sleep Med*. 2013 Nov 15;9(11):1109-17. PMID: PMC3805795.
585. Cawthon PM, **Cauley JA**, Ensrud KE, Harrison SL, Peters W, Mackey D. Objective assessment of activity, energy expenditure, and functional limitations in older men: The Osteoporotic Fractures in Men Study (MrOS). *J Gerontol A Biol Sci Med Sci*. 2013 Dec;68(12):1518-24. PMID: PMC3814243.
586. Yau RK, Strotmeyer ES, Resnick HE, Sellmeyer DE, Feingold KR, **Cauley JA**, Vittinghoff E, De Rekeneire N, Harris TB, Nevitt MC, Cummings SR, Shorr RI, Schwartz AV. Diabetes and Risk of Hospitalized Fall Injury Among Older Adults. *Diabetes Care*. 2013;36(12):3985-3991. PMID: PMC3836123.
587. Goto A, Chen BH, Song Y, **Cauley J**, Cummings SR, Farhat GN, Gunter M, Van Horn L, Howard BV, Jackson R, Lee J, Rexrode KM, Liu S. Age, body mass, usage of exogenous estrogen, and lifestyle factors in relation to circulating sex hormone-binding globulin concentrations in postmenopausal women. *Clin Chem*. 2014 Jan;60(1):174-85.
588. Khalil N, Faulkner KA, Greenspan SL, **Cauley JA**; The Osteoporotic Fractures in Men Research Group. Associations Between Bone Mineral Density, Grip Strength, and Lead Body Burden in Older Men. *J Am Geriatr Soc*. 2014 Jan;62(1):141-6. PMID: PMC405550.

589. Ensrud KE, Parimi N, Fink HA, Ishani A, Taylor BC, Steffes M, **Cauley JA**, Lewis CE, Orwoll ES; Osteoporotic Fractures in Men (MrOS) Study Group. Estimated GFR and Risk of Hip Fracture in Older Men: Comparison of Associations Using Cystatin C and Creatinine. *Am J Kidney Dis*. 2014;63(1):31-9. PMID: NIHMS500447.
590. McClure CK, El Khoudary SR, Karvonen-Gutierrez CA, Ylitalo KR, Tomey K, Vopham T, Sternfeld B, **Cauley JA**, Harlow S. Prospective associations between inflammatory and hemostatic markers and physical functioning limitations in mid-life women: Longitudinal results of the Study of Women's Health Across the Nation (SWAN). *Exp Gerontol*. 2014 Jan;49:19-25. PMID: PMC3878447.
591. Mori T, Ishii S, Greendale GA, **Cauley JA**, Sternfeld B, Crandall CJ, Han W, Karlamangla AS. Physical activity as determinant of femoral neck strength relative to load in adult women: findings from the hip strength across the menopause transition study. *Osteoporos Int*. 2014 25(1):265-72. PMID: PMC3877714.
592. Sheu Y, **Cauley JA**, Patrick AL, Wheeler VW, Bunker CH, Zmuda JM. Risk factors for fracture in middle- and older-age men of African descent. *J Bone Miner Res* 29(1):234-41. PMID: PMC3830695.
593. Stone KL, Blackwell TL, Ancoli-Israel S, **Cauley JA**, Redline S, Marshall LM, Ensrud KE; for the Osteoporotic Fractures in Men Study Group. Sleep Disturbances and Risk of Falls in Older Community-Dwelling Men: The Outcomes of Sleep Disorders in Older Men (MrOS Sleep) Study. *J Am Geriatr Soc*. 2014 62(2):299-305. PMID: PMC3945231.
594. Dallal CM, Tice JA, Buist DS, Bauer DC, Lacey JV, **Cauley JA**, Hue TF, Lacroix A, Falk RT, Pfeiffer R, Fuhrman BJ, Veenstra TD, Xu X, Brinton LA. Estrogen metabolism and breast cancer risk among postmenopausal women: a case-cohort study within B-FIT. *Carcinogenesis*. 2014 Feb;35(2):346-55. PMID: PMC3908751.
595. Orchard TS, Larson JC, Alghothani N, Bout-Tabaku S, **Cauley JA**, Chen Z, Lacroix AZ, Wactawski-Wende J, Jackson RD. Magnesium intake, bone mineral density, and fractures: results from the Women's Health Initiative Observational Study. *Am J Clin Nutr*. 2014;99(4):926-33. PMID: PMC3953885.
596. Fowkes F, Murray G, Butcher I, Folsom A, Hirsch A, Couper D, Debacker G, Kornitzer M, Newman A, Sutton-Tyrrell K, Cushman M, Lee A, Price J, D'Agostino R Sr, Murabito J, Norman P, Masaki K, Bouter L, Heine R, Stehouwer C, McDermott M, Stoffers H, Knottnerus J, Ogren M, Hedblad B, Koenig W, Meisinger C, **Cauley J**, Franco O, Hunink M, Hofman A, Wittteman J, Criqui M, Langer R, Hiatt W, Hamman R; Ankle Brachial Index Collaboration. Development and validation of an ankle brachial index risk model for the prediction of cardiovascular events. *Eur J Prev Cardiol*. 2014 21(3):310-20.
597. Karlsson MK, Ribom EL, Nilsson JA, Karlsson C, Cöster M, Vonschewelov T, Mallmin H, Ljunggren O, Ohlsson C, Mellström D, Lorentzon M, Leung PC, Lau E, **Cauley JA**, Barrett-Connor E, Stefanick ML, Orwoll E, Rosengren BE; for the Osteoporotic Fractures in Men (MrOs) Research Group. International and ethnic variability of falls in older men. *Scand J Public Health*. 2014 Mar;42(2):194-200. PMID: 24259542.
598. Shin MH, Zmuda JM, Barrett-Connor E, Sheu Y, Patrick AL, Leung PC, Kwok A, Kweon SS, Nam HS, **Cauley JA**; Osteoporotic Fractures in Men (MrOS) Research Group. Race/ethnic differences in associations between bone mineral density and fracture history in older men. *Osteoporos Int*. 2014 Mar;25(3):837-45. PMID: PMC4058886. \*
599. **Cauley JA** and Manson JE. The author's response. Calcium Plus Vitamin D Supplementation and Health Outcomes Five Years After Active Intervention Ended: The Women's Health Initiative. *J Womens Health (Larchmt)*, 2014 Mar;23(3):279.

600. Ward RE, Caserotti P, Faulkner K, Boudreau RM, Zivkovic S, Lee C, Goodpaster BH, Cawthon PM, Newman AB, **Cauley JA**, Strotmeyer ES; for the Osteoporotic Fractures in Men (MrOS) Research Group. Peripheral Nerve Function and Lower Extremity Muscle Power in Older Men. *Arch Phys Med Rehabil* 2014;95(4):726-33. PMID: PMC3972273.
601. Wilson VK, Houston DK, Kilpatrick L, Lovato J, Yaffe K, **Cauley JA**, Harris TB, Simonsick EM, Ayonayon HN, Kritchevsky SB, Sink KM for the Health ABC Study. Relationship between 25-Hydroxyvitamin D and Cognitive Function in Older Adults: The Health ABC Study. *J Am Geriatr Soc*, 2014 Apr;62(4):636-41. PMID:PMC3989387.
602. Metti AL, Yaffe K, Boudrea RM, Ganguli M, Lopez OL, Stone KL, **Cauley JA**. Change in Inflammatory Markers and Cognitive Status among Oldest Old Women from the Study of Osteoporotic Fractures. *J Am Geriatr* 2014;62(4):662-6. PMID: PMC4109652. \*
603. Smagula SF, Ancoli-Israel S, Barrett-Connor E, Lane NE, Redline S, Stone KL, **Cauley JA**. Inflammation, sleep disturbances, and depressed mood among community-dwelling older men. *J Psychosom Res*. 2014 May;76(5):368-73. PMID: PMC3997106. \*
604. Snyder PJ, Ellenberg SS, Cunningham GR, Matsumoto AM, Barrett-Connor E, Gill TM, Farrar JT, Cella D, Rosen RC, Resnick SM Swedloff RS, **Cauley JA**, Ciffela, Hadley E. The Testosterone Trials: Seven coordinated trials to of testosterone treatment in elderly men. *J Controlled Clinical Trails*, 2014;11(3):362. PMID: PMC4182174.
605. Schousboe JT, Rosen HR, Vokes TJ, **Cauley JA**, Cummings SR, Nevitt M, Black DM, Orwoll ES, Kado DM, Ensrud KE; Study of Osteoporotic Fractures Research Group. Prediction Models of Prevalent Radiographic Vertebral Fractures Among Older Women. *J Clin Densitom.* 2014 Jul-Sep;17(3):378-85. PMID: PMC4119570.
606. Barzilay JI, Bůžková P, Zieman SJ, Kizer JR, Djoussé L, Ix JH, Tracy RP, Siscovick DS, **Cauley JA**, Mukamal KJ. Circulating levels of carboxy-methyl-lysine (CML) are associated with hip fracture risk: the Cardiovascular Health Study. *J Bone Miner Res*. 2014 May;29(5):1061-6. PMID: PMC4523135.
607. Murphy RA, Bureyko TF, Miljkovic I, **Cauley JA**, Satterfield S, Hue TF, Klepin HD, Cummings SR, Newman AB, Harris TB. Association of total adiposity and computed tomographic measures of regional adiposity with incident cancer risk: a prospective population-based study of older adults. *Appl Physiol Nutr Metab*. 2014 Jun;39(6):687-92. PMID:PMC4071344.
608. Poornima IG, Mackey RH, Buhari AM, **Cauley JA**, Matthews KA, Kuller LH. Relationship between circulating serum osteoprotegerin and total receptor activator of nuclear  $\kappa$ -B ligand levels, triglycerides, and coronary calcification in postmenopausal women. *Menopause*. 2014; 21(7):702-10. PMID: 24473535.
609. Bauer DC, Schwartz A, Palermo L, **Cauley J**, Hochberg M, Santora A, Cummings SR, Black DM. Fracture Prediction After Discontinuation of 4 to 5 Years of Alendronate Therapy: The FLEX Study. *JAMA Intern Med*. 2014; 174(7):1126-34. PMID: PMC4409325.
610. Crandall CJ, Larson J, Gourlay ML, Donaldson MG, LaCroix A, **Cauley JA**, Wactawski-Wende J, Gass ML, Robbins JA, Watts NB, Ensrud KE. Osteoporosis Screening in Postmenopausal Women 50 to 64 Years Old: Comparison of US Preventive Services Task Force Strategy and Two Traditional Strategies in the Women's Health Initiative. *J Bone Miner Res*. 2014;29(7):1661-6. PMID: PMC4117254.
611. El Khoudary SR, McClure CK, Vopham T, Karvonen-Gutierrez CA, Sternfeld B, **Cauley JA**, Khalil N, Sutton-Tyrrell K. Longitudinal Assessment of the Menopausal Transition, Endogenous Sex Hormones, and Perception of Physical Functioning: The Study of Women's Health Across the Nation. *J Gerontol A Biol Sci Med Sci*. 2014;69(8):1011-7. PMID: PMC4158400.

612. Ballane G, **Cauley JA**, Luckey MM, Fuleihan, G. Secular trends in hip fractures worldwide: Opposing trends East versus West. *J Bone Miner Res*, 2014 Aug;29(8):1745-55. PMID: 24644018. [PubMed - in process].
613. Swanson CM, Nielson CM, Shrestha S, Lee CG, Barrett-Connor E, Jans I, **Cauley JA**, Boonen S, Bouillon R, Vanderschueren D, Orwoll ES; For the Osteoporotic Fractures in Men (MrOS) Study Research Group. Higher 25(OH)D2 Is Associated With Lower 25(OH)D3 and 1,25(OH)2D3. *J Clin Endocrinol Metab*. 2014 Aug;99(8):2736-44. PMCID: PMC4121037.
614. Mackey DC, **Cauley JA**, Barrett-Connor E, Schousboe JT, Cawthon PM, Cummings SR; the Osteoporotic Fractures in Men Research Group. Life-Space Mobility and Mortality in Older Men: A Prospective Cohort Study. *J Am Geriatr Soc*. . 2014 Jul;62(7):1288-96. PMCID:PMC4251711.
615. O'Malley CD, Tran N, Zapalowski C, Daizadeh N, Oleginski TP, **Cauley JA**. Multimorbidity in women with and without osteoporosis: results from a large US retrospective cohort study 2004-2009. *Osteoporos Int*. 2014;25:2117-2130. PMID: 24859882.
616. Barbour KE, Lui LY, Ensrud KE, Hillier TA, LeBlanc ES, Ing SW, Hochberg MC, **Cauley JA**; Study of Osteoporotic Fractures (SOF) Research Group. Inflammatory markers and risk of hip fracture in older white women: the study of osteoporotic fractures. *J Bone Miner Res*. 2014 Sep;29(9):2057-64. PMCID:PMC4336950. \*
617. Cawthon PM, Blackwell TL, Marshall LM, Fink HA, Kado DM, Ensrud KE, **Cauley JA**, Black D, Orwoll ES, Cummings SR, Schousboe JT; for the Osteoporotic Fractures in Men (MrOS) Research Group. Physical performance and radiographic and clinical vertebral fractures in older men. *J Bone Miner Res* 2014 Sep;29(9):2101-8. PMCID: PMC4335673.
618. Wong AK, Cawthon PM, Peters KW, Cummings SR, Gordon CL, Sheu Y, Ensrud K, Petit M, Zmuda JM, Orwoll E, **Cauley J**; Osteoporotic Fractures in Men (MrOS) Research Group. Bone-muscle indices as risk factors for fractures in men: the Osteoporotic Fractures in Men (MrOS) Study. *J Musculoskelet Neuronal Interact*. 2014 Sep;14(3):246-54. PMCID: PMC4197057.
619. Hue TF, Cummings SR, **Cauley JA**, Bauer DC, Ensrud KE, Barrett-Connor E, Black DM. Effect of Bisphosphonate Use on Risk of Postmenopausal Breast Cancer: Results From the Randomized Clinical Trials of Alendronate and Zoledronic Acid. *JAMA Intern Med*. 2014 Oct;174(10):1550-7. PMCID: PMC4398333.
620. **Cauley JA**, Blackwell TL, Redline S, Ensrud KE, Ancoli-Israel S, Fink HA, Orwoll ES, Stone KL for the Osteoporotic Fractures in Men (MrOS) Study. Hypoxia during sleep and the risk of falls and fractures in older men: The Osteoporotic Fracture in Men Sleep Study. *J Am Geriatr Soc*, 2014 Oct;62(10):1853-9.PMCID: PMC4206605.
621. LeBlanc ES, Desai M, Perrin N, Wactawski-Wende J, Manson JE, **Cauley JA**, Michael YL, Tang J, Womack C, Song Y, Johnson KC, O'Sullivan MJ, Woods N, Stefanick ML. Vitamin D levels and menopause-related symptoms. *Menopause*. 2014 Nov;21(11):1197-203. PMID: 24736200.
622. Bůžková P, Barzilay JI, Fink HA, Robbins JA, **Cauley JA**, Fitzpatrick AL. The ratio of urine albumin to creatinine attenuates the association of dementia with hip fracture risk. *J Clin Endocrinol Metab*. 2014 Nov;99(11):4116-23. PMCID: PMC4223436.
623. Nardo L, Lane NE, Parimi N, Cawthon PM, Fan B, Shepherd J, **Cauley J**, Zucker-Levin A, Murphy RA, Katzman WB. Diffuse Idiopathic Skeletal Hyperostosis Association With Thoracic Spine Kyphosis: A Cross-sectional Study for the Health Aging and Body Composition Study. *Spine (Phila Pa 1976)*. 2014 Nov 15;39(24):E1418-24. PMCID: PMC4228693.

624. Ensrud KE, Blackwell TL, **Cauley JA**, Dam TT, Cawthon PM, Schousboe JT, Barrett-Connor E, Stone KL, Bauer DC, Shikany JM, Mackey DC; Osteoporotic Fractures in Men Study Group. Objective measures of activity level and mortality in older men. *J Am Geriatr Soc*. 2014 Nov;62(11):2079-87. PMID:PMC4241172.
625. Fink HA, Kuskowski MA, **Cauley JA**, Taylor BC, Schousboe JT, Cawthon PM, Ensrud KE; For the Osteoporotic Fractures in Men (MrOS) Study Group. Association of stressful life events with accelerated bone loss in older men: the osteoporotic fractures in men (MrOS) study. *Osteoporos Int*. 2014 Dec;25(12):2833-9. PMID: PMC4331181.
626. Tak IH, Shin MH, Kweon SS, Nam HS, **Cauley JA**, Kim OJ, Kim YJ, Chung HJ, Kim OS. The association between periodontal disease, tooth loss, and bone mineral density in a Korean population. *J Clin Periodontol*. 2014 Dec;41(12):1139-44. PMID:25207848 [PubMed - in process].
627. Cosman F, **Cauley JA**, Eastell R, Boonen S, Palermo L, Reid IR, Cummings SR, Black DM. Reassessment of Fracture Risk in women after 3 years of treatment with Zoledronic Acid: when is it reasonable to discontinue treatment? *J Clin Endocrinol Metab*. 2014 Dec;99(12):4546-54. PMID: 25215556.
628. Metti AL, Yaffe K, Boudreau RM, Simonsick EM, Carnahan RM, Satterfield S, Harris TB, Ayonayon HN, Rosano C, **Cauley JA**; Health ABC Study. Trajectories of inflammatory markers and cognitive decline over 10 years. *Neurobiol Aging*. 2014 Dec;35(12):2785-90. PMID:24997674. \*
629. Schousboe JT, Rosen HR, Vokes TJ, **Cauley JA**, Cummings SR, Nevitt MC, Black DM, Orwoll ES, Kado DM, Ensrud KE; Osteoporotic Fractures in Men (MrOS) Study Research Group. Prediction models of prevalent radiographic vertebral fractures among older men. *J Clin Densitom*. 2014 Oct-Dec;17(4):449-57. PMID: PMC4035457.
630. Crandall CJ, Larson JC, Watts NB, Gourlay ML, Donaldson MG, LaCroix A, **Cauley JA**, Wactawski-Wende J, Gass ML, Robbins JA, Ensrud KE. Comparison of Fracture Risk Prediction by the US Preventive Services Task Force Strategy and Two Alternative Strategies in Women 50-64 Years Old in the Women's Health Initiative. *J Clin Endocrinol Metab*. 2014 Dec;99(12):4514-22. PMID: PMC4255119.
631. Ishii S, **Cauley JA**, Greendale GA, Nielsen C, Karvonen-Gutierrez C, Ruppert K, Karlamangla AS. Pleiotropic Effects of Obesity on Fracture Risk: The Study of Women's Health Across the Nation. *J Bone Miner Res*. 2014 Dec;29(12):2561-70. PMID: PMC4403760.
632. Ward RE, Boudreau RM, Caserotti P, Harris TB, Zivkovic S, Goodpaster BH, Satterfield S, Kritchevsky SB, Schwartz AV, Vinik AI, **Cauley JA**, Simonsick EM, Newman AB, Strotmeyer ES; the Health, Aging and Body Composition Study. Sensory and Motor Peripheral Nerve Function and Incident Mobility Disability. *J Am Geriatr Soc*. 2014 Dec;62(12):2273-9. PMID: PMC4270855.
633. Crandall CJ, Yildiz VO, Wactawski-Wende J, Johnson KC, Chen Z, Going SB, Wright NC, **Cauley JA**. Postmenopausal weight change and incidence of fracture: post hoc findings from Women's Health Initiative Observational Study and Clinical Trials. *BMJ*. 2015 Jan 27;350.
634. Crandall CJ, Aragaki A, **Cauley JA**, Manson JE, LeBlanc E, Wallace R, Wactawski-Wende J, LaCroix A, O'Sullivan MJ, Vitolins M, Watts NB. Associations of Menopausal Vasomotor Symptoms with Fracture Incidence. *J Clin Endocrinol Metab*. 2015 Feb;100(2):524-34. PMID: PMC4318890.
635. Bacon KL, Heeren T, Keysor JJ, Stuver SO, **Cauley JA**, Fredman L. Longitudinal and Reciprocal Relationships Between Depression and Disability in Older Women Caregivers and Noncaregivers. *Gerontologist*. 2015 Feb 9. [Epub ahead of print]. PMID:26035874.

636. Mehta T, Bůžková P, Sarnak MJ, Chonchol M, **Cauley JA**, Wallace E, Fink HA, Robbins J, Jalal D. Serum urate levels and the risk of hip fractures: data from the Cardiovascular Health Study. *Metabolism*. 2015 Mar;64(3):438-46. PMID: 25491429.
637. Martin E, Haney E, Shannon J, **Cauley J**, Ensrud K, Keaveny T, Zmuda J, Orwoll E, Harrison SL, Marshall L. Femoral volumetric bone density, geometry, and strength in relation to 25-hydroxy vitamin D in older men. *J Bone Miner Res*. 2014 Mar;30(3):475-82. PMID: PMC4333026.
638. Swanson CM, Shea SA, Stone KL, **Cauley JA**, Rosen CJ, Redline S, Karsenty G, Orwoll ES. Obstructive sleep apnea and metabolic bone disease: insights into the relationship between bone and sleep. *J Bone Miner Res*. 2015 Feb;30(2):199-211. PMID: PMC4572893.
639. **Cauley JA**, Greendale G, Ruppert K, Lian Y, Randolph JF Jr, Lo JC, Burnett-Bowie SA, Finkelstein JS. Serum 25 Hydroxyvitamin D, Bone Mineral Density and Fracture Risk Across the Menopause. *J Clin Endocrinol Metab*. 2015 May;100(5):2046-54. PMID: PMC4422899.
640. Martin EN, Haney EM, Shannon J, **Cauley JA**, Ensrud KE, Keaveny TM, Zmuda JM, Orwoll ES, Harrison SL, Marshall LM. Femoral volumetric bone density, geometry, and strength in relation to 25-hydroxy vitamin d in older men. *J Bone Miner Res*. 2015 Mar;30(3):475-82. PMID: PMC4333026.
641. Cunningham GR, Stephens AJ, Rosen RC, Wang C, Ellenberg S, Matsumoto A, Bhasin S, Molitch M, Farrar JT, Cella D, Barrett-Connor E, **Cauley JA**, Cifelli D, Crandall JP, Ensrud KE, Fluharty L, Gill TM, Lewis CE, Pahor M, Resnick SM, Swerdloff RS, Anton S, Basaria, Diem S, Tabatabaie V, Snyder PJ. Association of Sex hormones with sexual function, vitality and physical function of symptomatic older men with low testosterone levels at baseline in the Testosterone Trials. *J Clin Endocrinol Metab*. 2015 Mar;100(3):1146-55. PMID: PMC4333035.
642. Tabatabai L, Cummings S, Tylavsky F, Bauer D, **Cauley J**, Kritchevsky S, Newman A, Simonsick E, Harris T, Sebastian A, Sellmeyer; for the Health ABC Study. Arterialized Venous Bicarbonate is Associated with Lower Bone Mineral Density and an Increased Rate of Bone Loss in Older Men and Women. *J Clin Endocrinol Metab*. Apr;100(4):1343-9. PMID: PMC4399281.
643. Mori T, Ishii S, Greendale GA, **Cauley JA**, Ruppert K, Crandall CJ, Karlamangla AS. Parity, lactation, bone strength, and 16-year fracture risk in adult women: Findings from the Study of Women's Health Across the Nation (SWAN). *Bone*. 2015 Apr;73:160-6. PMID: PMC4364696
644. Desai, P, Lehman A, Chlebowski RT, Kwan ML, Arun M, Manson J, Lavasani S, Wasswertheil-Smoller, S, Sarto GE, LeBoff M, **Cauley J**, Cote M, Beebe-Dimmer J, Jay A, Simon MS. Statins and breast cancer stage and mortality in the Women's Health Initiative. *Cancer Causes and Controls*, 2015 Apr;26(4):529-39. PMID:25736184 [PubMed - in process].
645. Ward RE, Boudreau RM, Caserotti P, Harris TB, Zivkovic S, Goodpaster BH, Satterfield S, Kritchevsky S, Schwartz AV, Vinik AI, **Cauley JA**, Newman AB, Strotmeyer ES; for the Health ABC study. Sensory and motor peripheral nerve function and longitudinal changes in quadriceps strength. *J Gerontol A Biol Sci Med Sci*. 2015 Apr;70(4):464-70. PMID: PMC4375416.
646. Kositsawat J, Kuchel GA, Tooze JA, Houston DK, **Cauley JA**, Kritchevsky SB, Strotmeyer ES, Kanaya AM, Harris TB, Johnson KC, Barry LC; for the Health ABC. Vitamin D Insufficiency and Abnormal Hemoglobin A1c in Black and White Older Persons. *J Gerontol A Biol Sci Med Sci*. 2015 Apr;70(4):525-31. PMID:PMC4375414.
647. Black DM, Reid IR, **Cauley JA**, Cosman F, Leung PC, Lakatos P, Lippuner K, Cummings SR, Hue TF, Mukhopadhyay A, Tan M, Aftring RP, Eastell R. The Effect of 6 versus 9 Years of Zoledronic Acid Treatment in Osteoporosis: A Randomized Second Extension to the HORIZON-Pivotal Fracture Trial (PFT). *J Bone Miner Res*. 2015 May;30(5):934-44.



648. Smagula SF, Ancoli-Israel S, Blackwell T, Boudreau R, Stefanick ML, Paudel ML, Stone KL, **Cauley JA**; Osteoporotic Fractures in Men (MrOS) Research Group. Circadian Rest-Activity Rhythms Predict Future Increases in Depressive Symptoms Among Community-Dwelling Older Men. *Am J Geriatr Psychiatry*. 2015 May;23(5):495-505. PMID: PMC4277502. \*
649. Pedula KL, Coleman AL, Yu F, **Cauley JA**, Ensrud KE, Hochberg MC, Fink HA, Hillier TA; Study of Osteoporotic Fractures Research Group. Age-related macular degeneration and mortality in older women: the study of osteoporotic fractures. *J Am Geriatr Soc*. 2015 May;63(5):910-7. PMID: PMC4439266.
650. Williams JA, Sink KM, Tooze JA, Atkinson HH, **Cauley JA**, Yaffe K, Tylavsky FA, Rubin SM, Simonsick EM, Kritchevsky SB, Houston DK. Low 25-Hydroxyvitamin D Concentrations Predict Incident Depression in Well-Functioning Older Adults: The Health, Aging, and Body Composition Study. *J Gerontol A Biol Sci Med Sci*. 2015 Jun;70(6):757-63. PMID: PMC4447802.
651. Barbour KE, Lui LY, Nevitt MC, Murphy LB, Helmick CG, Theis KA, Hochberg MC, Lane NE, Hootman JM, **Cauley JA**; Study of Osteoporotic Fractures (SOF) Research Group. Hip osteoarthritis and the risk of all-cause and disease-specific mortality in older women: Population-based cohort study. *Arthritis Rheumatol*. 2015 Jul;67(7):1798-805. PMID: PMC4521765.
652. Lange-Maia BS, Strotmeyer ES, Harris TB, Glynn NW, Simonsick EM, Brach JS, **Cauley JA**, Richey PA, Schwartz AV, Newman AB; Health, Aging, and Body Composition Study. Physical Activity and Change in Long Distance Corridor Walk Performance in the Health, Aging, and Body Composition Study. *J Am Geriatr Soc*. 2015 Jul;63(7):1348-54. PMID: PMC4770787.
653. Yun YW, Kweon SS, Choi JS, Rhee JA, Lee YH, Nam HS, Jeong SK, Park KS, Ryu SY, Choi SW, Kim HN, **Cauley JA**, Shin MH. APOE Polymorphism Is Associated with C-reactive Protein Levels but Not with White Blood Cell Count: Dong-gu Study and Namwon Study. *J Korean Med Sci*. 2015 Jul;30(7):860-5. PMID: PMC4479937.
654. Key TJ, Appleby PN, Reeves GK, Travis RC, Brinton LA, Helzlsouer KJ, Dorgan JF, Gapstur SM, Gaudet MM, Kaaks R, Riboli E, Rinaldi S, Manjer J, Hallmans G, Giles GG, Le Marchand L, Kolonel LN, Henderson BE, Tworoger SS, Hankinson SE, Zeleniuch-Jacquotte A, Koenig K, Krogh V, Sieri S, Muti P, Ziegler RG, Schairer C, Fuhrman BJ, Barrett-Connor E, Laughlin GA, Grant EJ, Cologne J, Ohishi W, Hida A, **Cauley JA**, Fourkala EO, Menon U, Rohan TE, Strickler HD, Gunter MJ; Endogenous Hormones and Breast Cancer Collaborative Group. Steroid hormone measurements from different types of assays in relation to body mass index and breast cancer risk in postmenopausal women: Reanalysis of eighteen prospective studies. *Steroids*. 2015 Jul;99(Pt A):49-55. PMID: PMC4502556.
655. Broy SB, **Cauley JA**, Lewiecki ME, Schousboe JT, Shepherd JA, Leslie WD. Fracture Risk Prediction by Non-BMD DXA Measures: the 2015 ISCD Official Positions Part 1: Hip Geometry. *J Clin Densitom*. 2015 Jul-Sep;18(3):287-308. PMID:26277848. [PubMed - in process].
656. Larocque SC, Kerstetter JE, **Cauley JA**, Insogna KL, Ensrud K, Lui LY, Allore HG. Dietary Protein and Vitamin D Intake and Risk of Falls: A Secondary Analysis of Postmenopausal Women from the Study of Osteoporotic Fractures. *J Nutr Gerontol Geriatr*. 2015 Jul-Sep;34(3):305-18. PMID: PMC4547350.
657. Swanson CM, Srikanth P, Lee CG, Cummings SR, Jans I, **Cauley JA**, Bouillon R, Vanderschueren D, Orwoll ES, Nielson CM; Osteoporotic Fractures in Men MrOS Study Research Group. Associations of 25-Hydroxyvitamin D and 1,25-Dihydroxyvitamin D With Bone Mineral Density, Bone Mineral Density Change, and Incident Nonvertebral Fracture. *J Bone Miner Res*. 2015 Aug;30(8):1403-13. PMID: PMC4506713.
658. Fink HA, Bužková P, Garimella PS, Mukamal KJ, **Cauley JA**, Kizer JR, Barzilay JI, Jalal DI, Ix JH. Association of Fetuin-A with Incident Fractures in Community-Dwelling Older Adults: The Cardiovascular Health Study. *J Bone Miner Res*. 2015 Aug;30(8):1394-402. PMID:25656814.

659. Malkov S, Cawthon PM, Peters KW, **Cauley JA**, Murphy RA, Visser M, Wilson JP, Harris T, Satterfield S, Cummings S, Shepherd JA; for the Health ABC study. Hip Fractures Risk in Older Men and Women Associated with DXA-Derived Measures of Thigh Subcutaneous Fat Thickness, Cross-Sectional Muscle Area, and Muscle Density. *J Bone Miner Res.* 2015 Aug;30(8):1414-21. PMID:25644748 [PubMed - in process].
660. Lyons JG, **Cauley JA**, Fredman L. The Effect of Transitions in Caregiving Status and Intensity on Perceived Stress Among 992 Female Caregivers and Noncaregivers. *J Gerontol A Biol Sci Med Sci.* 2015 Aug;70(8):1018-23. PMID: PMC4573667.
661. Smagula SF, Reynolds CF 3rd, Ancoli-Israel S, Barrett-Connor E, Dam TT, Hughes-Austin JM, Paudel M, Redline S, Stone KL, **Cauley JA**; for the Osteoporotic Fractures in Men (MrOS) Research Group. Sleep Architecture and Mental Health Among Community-Dwelling Older Men. *J Gerontol B Psychol Sci Soc Sci.* 2015 Sep;70(5):673-81. PMID: PMC4553710. \*
662. Miljkovic I, Kuipers AL, **Cauley JA**, Prasad T, Lee CG, Ensrud KE, Cawthon PM, Hoffman AR, Dam T, Gordon CL, Zmuda JM. Greater Skeletal Muscle Fat Infiltration is associated with Higher All-Cause and Cardiovascular Mortality in Older Men. *J Gerontol A Biol Sci Med Sci.* 2015 Sep;70(9):1133-40. PMID: PMC4553718.
663. Fredman L, Lyons JG, **Cauley JA**, Hochberg M, Applebaum KM. The Relationship Between Caregiving and Mortality After Accounting for Time-Varying Caregiver Status and Addressing the Healthy Caregiver Hypothesis. *J Gerontol A Biol Sci Med Sci.* 2015 Sep;70(9):1163-8. PMID: PMC4635629.
664. **Cauley JA**, Fluharty L, Ellenberg SS, Gill TM, Ensrud KE, Barrett-Connor E, Cifelli D, et al. Recruitment and Screening for the Testosterone Trials. *J Gerontol A Biol Sci Med Sci.* 2015 Sep;70(9):1105-11. PMID: PMC4861649.
665. Ing SW, Orchard TS, Lu B, LaMonte MJ, Barbour KE, **Cauley JA**, Jackson RD. TNF Receptors Predict Incident Hip Fracture Risk in the WHI Study and Fatty Acid Intake Does Not Modify this Association. *J Clin Endocrinol Metab.* Sep;100(9):3380-7. PMID: PMC4570162.
666. Chalhoub D, Cawthon PM, Ensrud KE, Stefanick ML, Kado DM, Boudreau R, Greenspan S, Newman AB, Zmuda J, Orwoll ES, **Cauley JA**; Osteoporotic Fractures in Men Study Research Group. Risk of Nonspine Fractures in Older Adults with Sarcopenia, Low Bone Mass, or Both. *J Am Geriatr Soc.* 2015 Sep;63(9):1733-40. PMID: PMC4625906. \*
667. Falk RT, Dallal CM, Lacey JV, Bauer DC, Buist DSM, **Cauley JA**, Hue TF, LaCroix A, Tice JA, Pfeiffer RM, Xu, X; Veenstra TD, Brinton L for the B-FIT Research Group. Estrogen metabolites are not associated with colorectal cancer risk in postmenopausal women. *Cancer Epid Biomarkers and Prevention.* 2015 Sep;24(9):1419-22. PMID: PMC4560651.
668. Bea JW, Thomson CA, Wertheim BC, Nicholas JS, Ernst KC, Hu C, Jackson RD, **Cauley JA**, Lewis CE, Caan B, Roe DJ, Chen Z. Risk of Mortality According to Body Mass Index and Body Composition Among Postmenopausal Women. *Am J Epidemiol.* 2015 Oct 1;182(7):585-96. PMID: PMC4715226.
669. Marcum ZA, Wirtz HS, Pettinger M, LaCroix AZ, Carnahan R, **Cauley JA**, Bea JW, Gray SL. Anticholinergic Medication Use and Fractures in Postmenopausal Women: Findings from the Women's Health Initiative. *Drugs Aging.* 2015 Sep;32(9):755-63. doi: 10.1007/s40266-015-0298-1. PMID: 26373414. [PubMed - in process].
670. Sharma L, Nevitt M, Hochberg M, Guermazi A, Roemer FW, Crema M, Eaton C, Jackson R, Kwok K, **Cauley J**, Almagor O, Chmiel JS. Clinical significance of worsening versus stable preradiographic MRI lesions in a cohort study of persons at higher risk for knee osteoarthritis. *Ann Rheum Dis.* 2015 Oct 14. [Epub ahead of print]. PMID: PMC4833701.

671. Crandall CJ, Hovey KM, Andrews CA, **Cauley JA**, Manson JE, Wactawski-Wende J, Wright NC, Li W, Beavers K, Curtis JR, LeBoff MS. Bone Mineral Density as a Predictor of Subsequent Wrist Fractures: Findings from the Women's Health Initiative Study. *J Clin Endocrinol Metab.* Nov;100(11):4315-24. PMID: 26367200. [PubMed - in process].
672. Crandall CJ, Hovey KM, **Cauley JA**, Andrews CA, Curtis JR, Wactawski-Wende J, Wright NC, Li W, LeBoff MS. Wrist Fracture and Risk of Subsequent Fracture: Findings from the Women's Health Initiative Study. *J Bone Miner Res.* 2015 Nov;30(11):2086-95. PMCID: PMC4615529.
673. Janney CA, Ganguli R, Tang G, **Cauley JA**, Holleman RG, Richardson CR, Kriska AM. Physical activity and sedentary behavior measured objectively and subjectively in overweight and obese adults with schizophrenia or schizoaffective disorders. *J Clin Psychiatry.* 2015 Oct;76(10):e1277-84. PMCID:PMC4702460. \*
674. Cawthon PM, Blackwell TL, **Cauley J**, Kado DM, Barrett-Connor E, Lee CG, Hoffman AR, Nevitt M, Stefanick ML, Lane NE, Ensrud KE, Cummings SR, Orwoll ES. Evaluation of the Usefulness of Consensus Definitions of Sarcopenia in Older Men: Results from the Observational Osteoporotic Fractures in Men Cohort Study. *J Am Geriatr Soc.* Nov;63(11):2247-59 PMID: 26502831.
675. Smagula SF, Boudreau RM, Stone K, Reynolds CF, Bromberger JT, Sncoli-Israel S, Dam TT, Barrett-Connor E, **Cauley JA**. Latent activity rhythm disturbance sub-groups and longitudinal change in depression symptoms among older men. *Chronobiology International.* 2015 Dec; 32(10):1427-37. \*
676. Singh T, Sharma PK, Rajesh JG, **Cauley JA**, Bunker CH, Reddy PS, Newman AB. Design of the Mobility and Independent Living in Elders Study: An older adult cohort in rural India. *Geriatr Gerontol Int* 2015 Dec 21 [Epub ahead of print].
677. Szulc P, Blackwell T, Kiel DP, Schousboe JT, **Cauley J**, Hillier T, Hochberg M, Rodondi N, Taylor BC, Black D, Cummings S, Ensrud KE; Study of Osteoporotic Fractures (SOF) Research Group. Abdominal aortic calcification and risk of fracture among older women - The SOF study. *Bone* 2016 Dec;81:16-23. PMCID: PMC4640997.
678. Appiah D, Winters SJ, Muldoon SB, Hornung CA, **Cauley JA**. Androgens, Bilateral Oophorectomy, and Cardiovascular Disease Mortality in Postmenopausal Women With and Without Diabetes: The Study of Osteoporotic Fractures. *Diabetes Care.* 2015 Dec;38(12):2301-7. PMID: PMC4657615.
679. Lange-Maia BS, Newman AB, **Cauley JA**, Boudreau RM, Jakicic JM, Caserotti P, Glynn NW, Harris TB, Kritchevsky SB, Schwartz AV, Satterfield S, Simonsick EM, Vinik AI, Zivkovic S, Strotmeyer ES; Health, Aging, and Body Composition Study. Sensorimotor Peripheral Nerve Function and the Longitudinal Relationship with Endurance Walking in the Health, Aging and Body Composition Study. *Arch Phys Med Rehabil.* 2016 Jan;97(1):45-52. PMID: PMC4696894.
680. Perera S, Patel KV, Rosano C, Rubin SM, Satterfield S, Harris T, Ensrud K, Orwoll E, Lee CG, Chandler JM, Newman AB, **Cauley JA**, Guralnik JM, Ferrucci L, Studenski SA. Gait Speed Predicts Incident Disability: A Pooled Analysis. *J Gerontol A Biol Sci Med Sci.* 2016 Jan;71(1):63-71. PMID: PMC4715231.
681. Ensrud KE, Blackwell TL, Cawthon PM, Bauer DC, Fink HA, Schousboe JT, Black DM, Orwoll ES, Kado DM, **Cauley JA**, Mackey DC; Osteoporotic Fractures in Men (MrOS), Study of Osteoporotic Fractures (SOF) Research Groups. Degree of Trauma Differs for Major Osteoporotic Fracture Events in Older Men vs. Older Women. *J Bone Miner Res.* 2016 Jan;31(1):204. PMCID: PMC4730881.
682. Dallal CM, Lacey JV Jr, Pfeiffer RM, Bauer DC, Falk RT, Buist DS, **Cauley JA**, Hue TF, LaCroix AZ, Tice JA, Veenstra TD, Xu X, Brinton LA; B ~ FIT Research Group. Estrogen Metabolism and Risk of Postmenopausal Endometrial and Ovarian Cancer: the B ~ FIT Cohort. *Horm Cancer.* Feb;7(1):49-64. PMCID: PMC4739621. \*

683. LaFleur J, Rillamas-Sun E, Colón-Emeric CS, Knippenberg KA, Ensrud KE, Gray SL, **Cauley JA**, LaCroix AZ. Fracture Rates and Bone Density Among Postmenopausal Veteran and Non-Veteran Women From the Women's Health Initiative. *Gerontologist*. 2016 Feb;56 Suppl 1:S78-90. PMCID: PMC4759700.
684. Yaffe K, Peltz CB, Ewing SK, McCulloch CE, Cummings SR, **Cauley JA**, Hillier TA, Ensrud KE. Long-term Cognitive Trajectories and Mortality in Older Women. *J Gerontol A Biol Sci Med Sci*. 2016 Feb 3. [Epub ahead of print]. PMID: 26843186.
685. Barzilay JI, Bůžková P, Kizer JR, Djoussé L, Ix JH, Fink HA, Siscovick DS, **Cauley JA**, Mukamal KJ. Fibrosis markers, hip fracture risk, and bone density in older adults. *Osteoporos Int*. Feb;27(2):815-20. PMID: 26267013.
686. Crandall CJ, LaMonte MJ, Snively BM, LeBoff MS, **Cauley JA**, Lewis CE, Wallace R, Li W, Chen Z, Robbins JA, Wactawski-Wende J. Physical Functioning Among Women Aged 80 Years and Older With Previous Fracture. *J Gerontol A Biol Sci Med Sci*. 2016;71 Suppl 1:S31-41. PMCID: PMC4861138.
687. Smagula SF, Stone KL, Redline S, Ancoli-Israel S, Barrett-Connor E, Lane NE, Orwoll ES, **Cauley JA**; Osteoporotic Fractures in Men (MrOS) Research Group. Actigraphy- and Polysomnography-Measured Sleep Disturbances, Inflammation, and Mortality Among Older Men. *Psychosom Med*. 2016 Feb 18. [Epub ahead of print]. PMCID: PMC4765903. \*
688. Snyder PJ, Bhasin S, Cunningham, Matsumoto AM, Stephens-Shields A, **Cauley JA**, Gill TM, et al. Effects of Testosterone Treatment of Older Men. *NEJM*, 2016 Feb;374(7):611. PMID: 26886521.
689. Cawthon PM, Schousboe JT, Harrison SL, Ensrud KE, Black D, **Cauley JA**, Cummings SR, LeBlanc ES, Laughlin GA, Nielson CM, Broughton A, Kado DM, Hoffman AR, Jamal SA, Barrett-Connor E, Orwoll ES; Osteoporotic Fractures in Men (MrOS) Study Research Group. Sex hormones, sex hormone binding globulin, and vertebral fractures in older men. *Bone*. 2016 Mar;84:271-8. PMCID: PMC4755786.
690. Srikanth P, Chun RF, Hewison M, Adams JS, Bouillon R, Vanderschueren D, Lane N, Cawthon PM, Dam T, Barrett-Connor E, Daniels LB, Shikany JM, Stefanick ML, **Cauley JA**, Orwoll ES, Nielson CM; Osteoporotic Fractures in Men (MrOS) Study Research Group. Associations of total and free 25OHD and 1,25(OH)<sub>2</sub>D with serum markers of inflammation in older men. *Osteoporos Int*. 2016 Feb 23. [Epub ahead of print]. PMID: 26905270.
691. Stone KL, Blackwell TL, Ancoli-Israel S, Barrett-Connor E, Bauer DC, **Cauley JA**, Ensrud KE, Hoffman AR, Mehra R, Stefanick ML, Varosy PD, Yaffe K, Redline S. Sleep Disordered Breathing and Risk of Stroke in Older Community-Dwelling Men. *Sleep*. 2016 Mar 1;39(3):531-40. PMCID: PMC4763364.
692. Diem SJ, Blackwell TL, Stone KL, Yaffe K, Tranah G, **Cauley JA**, Ancoli-Israel S, Redline S, Spira AP, Hillier TA, Ensrud KE. Measures of Sleep-Wake Patterns and Risk of Mild Cognitive Impairment or Dementia in Older Women. *Am J Geriatr Psychiatry*. 2016 Mar;24(3):248-58. PMID: 26964485
693. Ensrud KE, Lui LY, Cawthon P, Fredman L, Slinin Y, Hillier T, **Cauley J**, Canales M; Study of Osteoporotic Fractures. Cystatin C and Objectively Measured Mobility 10 Years Later in Older Women. *J Gerontol A Biol Sci Med Sci*. 2016 Mar 9.[Epub ahead of print]. PMID: 26961582.
694. Ensrud KE, Blackwell TL, Fink HA, Zhang J, **Cauley JA**, Cawthon PM, Black DM, Bauer DC, Curtis JR, Orwoll ES, Barrett-Connor E, Kado DM, Marshall LM, Shikany JM, Schousboe JT; Osteoporotic Fractures in Men (MrOS) Research Group. What Proportion of Incident Radiographic Vertebral Fractures in Older Men Is Clinically Diagnosed and Vice Versa: A Prospective Study. *J Bone Miner Res*. 2016 Mar 11. [Epub ahead of print]. PMID: 26969847.

695. Lange-Maia BS, **Cauley JA**, Newman AB, Boudreau RM, Jakicic JM, Glynn NW, Zivkovic S, Dam T, Caserotti P, Cawthon PM, Orwoll ES, Strotmeyer ES. Sensorimotor Peripheral Nerve Function and Physical Activity in Older Men. *J Aging Phys Act*. 2016 Mar 11. [Epub ahead of print]. PMID: 26964668.
696. **Cauley JA**, Cawthon PM, Peters KE, Cummings SR, Ensrud KE, Bauer DC, Taylor BC, Shikany JM, Hoffman AR, Lane NE, Kado DM, Stefanick ML, Orwoll ES; Osteoporotic Fractures in Men (MrOS) Study Research Group. Risk Factors for Hip Fracture in Older Men: The Osteoporotic Fractures in Men Study (MrOS). *J Bone Miner Res*. 2016 Mar 14. [Epub ahead of print]. PMID: 26988112.
697. **Cauley JA**, Lui LY, Paudel ML, Taylor BC, Cawthon PM, Hillier TA, Schousboe JT, McCulloch CE, Ensrud KE. Impact of radiographic vertebral fractures on inpatient healthcare utilization in older women. *Bone*. 2016 Apr 27. [Epub ahead of print]. PMID: 27131511.
698. Zaslavsky O, Woods NF, LaCroix AZ, **Cauley JA**, Johnson KC, Cochrane BB, Sagi SZ. Identification of Risk Factors for Mortality and Poor-Quality-of-Life Survival in Frail Older Women Participating in the Women's Health Initiative Observational Study. *J Am Geriatr Soc*. 2016 Apr;64(4):831-7. PMID: PMC4843841.
699. Isakova T, Cai X, Lee J, Katz R, **Cauley JA**, Fried LF, Hoofnagle AN, Satterfield S, Harris TB, Shlipak MG, Sarnak MJ, Ix JH; Health ABC study. Associations of FGF23 with Change in Bone Mineral Density and Fracture Risk in Older Individuals. *J Bone Miner Res*. 2016 Apr;31(4):742-8. PMID: 26590361.
700. Marcum ZA, Wirtz HS, Pettinger M, LaCroix AZ, Carnahan R, **Cauley JA**, Bea JW, Gray SL. Anticholinergic medication use and falls in postmenopausal women: findings from the women's health initiative cohort study. *BMC Geriatr*. 2016 Apr 2;16(1):76. PMID: PMC4818856.
701. Barbour KE, Lui LY, McCulloch CE, Ensrud KE, Cawthon PM, Yaffe K, Barnes DE, Fredman L, Newman AB, Cummings SR, **Cauley JA**; Study of Osteoporotic Fractures. Trajectories of Lower Extremity Physical Performance: Effects on Fractures and Mortality in Older Women. *J Gerontol A Biol Sci Med Sci*. 2016 Apr 15. [Epub ahead of print]. PMID: 27084313. \*
702. Nielson CM, Jones KS, Chun RF, Jacobs J, Wang Y, Hewison M, Adams JS, Swanson CM, Lee CG, Vanderschueren D, Pauwels S, Prentice A, Smith RD, Shi T, Gao Y, Zmuda JM, Lapidus J, **Cauley JA**, Bouillon R, Schoenmakers I, Orwoll ES; Osteoporotic Fractures in Men (MrOS) Research Group. Role of Assay Type in Determining Free 25-Hydroxyvitamin D Levels in Diverse Populations. *N Engl J Med*. 2016 Apr 28;374(17):1695-6. PMID: PMC4870041.
703. Carbone L, Johnson KC, Huang Y, Pettinger M, Thomas F, **Cauley J**, Crandall C, Tinker L, Susan LeBoff M, Wactawski-Wende J, Bethel M, Li W, Prentice R. Sodium Intake and Osteoporosis. Findings from the Women's Health Initiative. *J Clin Endocrinol Metab*. 2016 Apr;101(4):1414-21. PMID: 26863423.
704. Bethel M, Bůžková P, Fink HA, Robbins JA, **Cauley JA**, Lee J, Barzilay JI, Jalal DI, Carbone LD. Soluble CD14 and fracture risk. *Osteoporos Int*. 2016 May;27(5):1755-63. PMID: 26659065.
705. Haring B, Crandall CJ, Wu C, LeBlanc ES, Shikany JM, Carbone L, Orchard T, Thomas F, Wactawski-Wende J, Li W, **Cauley JA**, Wassertheil-Smoller S. Dietary Patterns and Fractures in Postmenopausal Women: Results From the Women's Health Initiative. *JAMA Intern Med*. 2016 May;71(3):485-. PMID: 27019044.
706. Smagula SF, Stone KL, Redline S, **Cauley JA**. Authors' Reply to Letter to the Editor From Dr. Bliwise (re: "Sleep Architecture and Mental Health Among Community-dwelling Older Men"). *J Gerontol B Psychol Sci Soc Sci*. 2016 May;71(3):485-7. PMID: 26801354. \*
707. Smagula SF, Faulkner K, Scheier MF, Tindle HA, **Cauley JA** for the Osteoporotic Fractures in Men (MrOS) Study Group. Testing the independence of multiple personality factors in relation to health among community dwelling older men. *Journal of Aging and Health*. 2016 Jun;28(4):571-86. PMID: PMC4740252. \*

708. Smagula SF, Stone KL, Redline S, Ancoli-Israel S, Barrett-Connor E, Lane NE, Orwoll E, **Cauley JA**. Sleep, inflammation, and mortality in older men. *Psychosomatic Medicine*, 2015 Sept [In press]. \*
709. Smagula SF, Harrison S, Ancoli-Israel S, Cawthon PM, Cummings S, **Cauley JA**. Determinants of change in objectively assessed sleep duration among older men. *Am J Epidemiol* 2016 May [In press]. \*
710. Nielson CM, Jones KS, Chun RF, Jacobs JM, Wang Y, Hewison M, Adams JS, Swanson CM, Lee CG, Vanderschueren D, Pauwels S, Prentice A, Smith RD, Shi T, Gao Y, Schepmoes AA, Zmuda JM, Lapidus J, **Cauley JA**, Bouillon R, Schoenmakers I, Orwoll ES. Free 25-hydroxyvitamin D: impact of vitamin D binding protein assays on racial-genotypic associations. *J Clin Endocrinol Metab*. 2016 2016 May;101(5):2226-34. PMID: 27007693.
711. Ensrud KE, Lui LY, Paudel ML, Schousboe JT, Kats AM, **Cauley JA**, McCulloch CE, Yaffe K, Cawthon PM, Hillier TA, Taylor BC; Study of Osteoporotic Fractures (SOF). Effects of Mobility and Cognition on Risk of Mortality in Women in Late Life: A Prospective Study. *J Gerontol A Biol Sci Med Sci*. 2016 Jun;71(6):759-65. PMID: 26714566.
712. Cunningham GR, Stephens-Shields AJ, Rosen RC, Wang C, Bhasin S, Matsumoto AM, Parsons JK, Gill TM, Molitch ME, Farrar JT, Cella D, Barrett-Connor E, **Cauley JA**, Cifelli D, Crandall JP, Ensrud KE, Gallagher L, Hou X, Lewis CE, Pahor M, Swerdloff RS, Zeldow B, Anton S, Basaria S, Diem S, Tabatabaie V, Ellenberg SS, Snyder P.J. Testosterone Treatment and Sexual Function in Older Men with Low Testosterone Levels. *J Clin Endocrinol Metab*. May 2016 [In press].
713. Gourlay ML, Overman RA, Fine JP, Filteau G, Cawthon PM, Schousboe JT, Orwoll ES, Wilt TJ, Nguyen TV, Lane NE, Szulc P, Taylor BC, Dam TT, Nielson CM, **Cauley JA**, Barrett-Connor E, Fink HA, Lapidus JA, Kado DM, Diem SJ, Ensrud KE; Osteoporotic Fractures in Men (MrOS) Research Group. Time to Osteoporosis and Major Fracture in Older Men: The MrOS Study. *Am J Prev Med*. 2016 Jun;50(6):727-36. PMID: PMC4875888.
714. McGovern PM, Nachreiner NM, Holl JL, Halfon N, Dabelea D, Caulfield L, **Cauley JA**, Innocenti MS, Amsden L, Markovic N, Riddles M, Adams S. The National Children's Study: Early Recruitment Outcomes Using the Direct Outreach Approach. *Pediatrics* 2016 Jun; 137 (Supp 4): S231-S238.
715. Barzilay JI, Bůžková P, Fink HA, **Cauley JA**, Robbins JA, Garimella PS, Jalal DI, Mukamal KJ. Systemic markers of microvascular disease and bone mineral density in older adults: The cardiovascular health study. *Osteoporos Int*. 2016 Jun 1. [Epub ahead of print]. PMID: 27250972.
716. Cawthon PM, Ensrud KE, Lui L, McCulloch C, **Cauley JA**, Brent T, Schousboe J. Sarcopenia and health care utilization in older women. *J Gerontol A Biol Sci Med Sci*. June 2016 [In press].
717. Chang PY, Gold EB, **Cauley JA**, Johnson W, Karvone C, Lis JS, Ruppert K, Lee JS. Triglyceride Levels and Fracture Risk in Midlife Women: Study of Women's Health Across the Nation (SWAN). *J Clin Endocrinol Metab*. June 2016 [In press].

## REVIEWS

(\* denotes student articles)

1. Gregg EW, Kriska AM, Salamone LM, Robert MM, Anderson SJ, Ferrell RE, Kuller LH, **Cauley JA**. The epidemiology of quantitative ultrasound: a review of the relationships to bone mass, osteoporosis and fracture risk. *Osteoporos Int*. 1997;7:89-99. \*
2. Zmuda JM, **Cauley JA**, Ferrell RE. Recent progress in understanding the genetic susceptibility to osteoporosis. *Genet Epidemiol*. 1999;16:356-67. \*
3. Zborowski JV, **Cauley JA**, Talbott EO, Guzick DS, Winters SJ. Clinical Review 116: Bone mineral density, androgens, and the polycystic ovary: the complex and controversial issue of androgenic influence in female bone. *J Clin Endocrinol Metab*. 2000;85(10):3496-506. \*
4. Wolf RL, Zmuda JM, Stone KL, **Cauley JA**. Update on the epidemiology of osteoporosis. *Curr Rheumatol Rep*. 2000;2(1):74-86. \*

5. Zmuda JM, **Cauley JA**, Ferrell RE. Molecular epidemiology of vitamin D receptor gene variants. *Epidemiologic Reviews*. 2001;22(2):203-17. \*
6. **Cauley JA**. Osteoporosis in men: prevalence and investigation. *Clin Cornerstone*. 2006;8 Suppl 3:S20-5. Review.
7. Barbour KE and **Cauley JA**. Measuring inflammatory marker levels to determine risk of bone loss and fractures in older women. *Medical Laboratory Observer*, April 2013. PMID: 23822017. \*
8. Metti AL, **Cauley JA**. How predictive of dementia are peripheral inflammatory markers in the elderly? *Neurodegenerative Disease Management*. 2012; 2(6): 609-622. PMCID: PMC3579631. \*
9. **Cauley JA**. A single biomarker in a complex metabolic pathway. Invited Commentary. *Intl J of Epidemiology* 2012 Aug;41(4):1040-1. PMID: 22933649.
10. **Cauley JA**. The Women's Health Initiative: Hormone Therapy and Calcium/Vitamin D Supplementation Trials. *Curr Osteoporos Rep*. 2013;11(3):171-8. PMID: 23842639.
11. **Cauley JA**, Chalhoub D, Kassem AM, Fuleihan GE. Geographical and ethnic disparities in osteoporotic fractures. *Nat Rev Endocrinol.*, 2014;10:338–51. PMID: 24751883.
12. **Cauley JA**. Estrogen and bone health in men and women. *Steroids* 2015 Jul;99(Pt A):11-15. PMID: 25555470. [PubMed - in process].
13. **Cauley JA**. An overview of sarcopenic obesity. *J Clin Densitom*. 2015 Oct;18(4):499-505. PMID: 26141163. [PubMed - in process].
14. **Cauley JA**. Risk factors: Diabetes, fractures and mortality-statin therapy. *Nat Rev Endocrinol.* 2015;11(7):387-9. PMID: 26032107. [PubMed - in process].
15. **Cauley JA**. Bone health after menopause. *Curr Opinion in Endo and Diab*. 2015 Dec;22(6):490-4. PMID: 26512774.
16. Smagula SF, Stone KL, Fabio A, **Cauley JA**. Risk factors for sleep disturbances in older adults: Evidence from prospective studies. *Sleep Med Rev*. 2016 Feb;25:21-30. Review. PMCID: PMC4506260. \*

### CONFERENCE SYMPOSIUM

Sandler RB, LaPorte RE, Sashin D, **Cauley JA**, Bayles C, Slemenda C, Petrini A, Shramm M: Proceedings of the International Symposium on Osteoporosis 1984. The epidemiology of physical activity and postmenopausal bone loss: First year of a clinical trial. Ed: Christiansen C, Arnaud CD, Nordin BEC, Parfitt AM, Peck WA, Riggs BL. Glostrup Denmark 1984.

### BOOKS

1. *Epidemiology of Aging*. Newman AB and Cauley JA, editors. New York, Springer, 2012.

### BOOK CHAPTERS

(\* denotes student chapters)

1. Flegal K, **Cauley JA**. Alcohol consumption and cardiovascular risk factors. *Recent Developments in Alcoholism*. Ed: Galanter M. Vol. III, 10, 165-76, 1985.
2. LaPorte RE, **Cauley JA**, Flegal K. The relationship of alcohol consumption in cardiovascular disease. *Recent Developments in Alcoholism*. Ed: Galanter M. Vol.III, 9, 157-62, 1985.
3. Kuller L, Meilahn E, Gutai J, **Cauley J**, Wing RR, Matthews KA, Eichner JE, Egeland G. Lipoproteins, estrogens and the menopause. *Serono Symposium Proceedings on the Menopause Biological and Clinical Consequences of Ovarian Failure: Evaluation and Management*, 1989. Stanley G. Korenman, editor. Chapter 16, pgs. 179-97.

4. **Cauley JA**, Salamone L, Lucas FL. Postmenopausal endogenous and exogenous estrogens, obesity, thiazide diuretics and risk for osteoporosis and associated fractures. *Factors that influence bone mass, fracture risk and disability following fracture*. Edited by: Marcus R, Feldman D. Academic Press, *Osteoporosis*, 1996:551-576.
5. Salamone LM, **Cauley JA**. Cohort studies and randomized controlled studies in endocrinology. *Epidemiology and clinical decision making. Endocrinol Metab Clin North Am*, 1997. 26:10-1-10-13. \*
6. **Cauley JA**, Lucas FL. Hormonal influences on osteoporosis and fractures: an epidemiologic perspective. ED: Kuller LH, Ness RB. Oxford University Press, *Health and diseases among women: biological and environmental influences*, 1999.
7. **Cauley JA**, Zmuda JM. Risk factors for fractures in men. In: Edited by: Orwoll E. *Osteoporosis in Men*, Academic Press: San Diego, CA. 1999, 18:363-378.
8. **Cauley JA**, Danielson ME. Osteoporosis and Other Disabilities. Edited by: Marlene B. Goldman and Maureen C. Hatch. In: *Women and Health*, 2000.
9. Wolf RL, Penrod J, Gueldner SH, **Cauley JA**. Epidemiology: The Magnitude of Concern. In Edited by Gueldner SH, Burke MS, Smiciklas-Wright H. *Preventing and Managing Osteoporosis*. Springer 2000. \*
10. **Cauley JA**, Salamone LM. Postmenopausal endogenous and exogenous hormones, degree of obesity, thiazide diuretics and risk of osteoporosis. Academic Press: San Diego, *Osteoporosis, Second Edition*, 1996.
11. **Cauley JA**, Salamone LM. Postmenopausal endogenous and exogenous hormones, degree of obesity, thiazide diuretics and risk of osteoporosis. In: Edited by: Marcus R, Feldman R, Kelsey J. *Osteoporosis, 3<sup>rd</sup> Edition*, Vol 1. San Diego, CA: Academic Press, Inc, 2001:741-69.
12. **Cauley JA**, Ensrud KE, Hillier TA, Hochberg M, Stone KL, Cummings SR on behalf of the SOF Research Group. The Study of Osteoporotic Fractures (SOF): Major finding and contributions. In *Osteoporosis, 3<sup>rd</sup> Edition*. Edited by: Marcus R, Feldman R, Kelsey J, San Diego, CA: Academic Press, Inc, 2007, Volume 2:689-704.
13. **Cauley JA**. Sex steroids and aging bone. In: *Osteoporosis in Older Persons: Advances in Pathophysiology and Therapeutic Approach*. Edited by: Duque G and Kiel DP. Springer 2008:47-58.
14. **Cauley JA**. Osteoporosis. In Goldman MB, Troisi R, Rexrode KM (eds). *Women & Health*. 2nd Edition. San Diego: Elsevier, 2013 929-942.
15. Sowers MF, Harlow SD, Karvonen-Gutierrez C, Bromberger J, **Cauley J**, Gold E, Matthews K. "Menopause: Its Epidemiology." In Goldman MB, Troisi R, Rexrode KM (eds). *Women & Health*. 2nd Edition. San Diego: Elsevier, 2013 pp 371-388.
16. **Cauley JA**. Osteoporosis. Newman AB and **Cauley JA**, editors. *Epidemiology of Aging*. New York: Springer, 2012:499-522.
17. **Cauley JA**. Demography of Aging. *Epidemiology of Aging*. Newman AB and **Cauley JA**, editors. New York: Springer, 2012:3-14.
18. *Osteoporosis, 4<sup>th</sup> Edition*. Edited by: Marcus R, Feldman D, Dempster DW, Luckey M, and **Cauley JA**. Academic Press, Inc, 2013, Vol 1 and 2.
19. Ballane G, **Cauley JA**, Arabi A, Fuleihan EH. Geographic Variability in Hip and Vertebral Fractures. *Osteoporosis, 4<sup>th</sup> Edition*. Edited by: Marcus R, Feldman D, Dempster DW, Luckey M, and **Cauley JA**. Academic Press, Inc, 2013, Vol 2: 623-641.
20. **Cauley JA**. Clinical and Epidemiological Studies Across Menopausal Studies. In *Osteoporosis, 4<sup>th</sup> Edition*. Edited by: Marcus R, Feldman D, Dempster DW, Luckey M, and **Cauley JA**. Academic Press, Inc, 2013, Vol 2: 745-754.



21. **Cauley JA** and Nelson D. Race, Ethnicity and Osteoporosis. In *Osteoporosis, 4<sup>th</sup> Edition*. Edited by: Marcus R, Feldman D, Dempster DW, Luckey M, and **Cauley JA**. Academic Press, Inc, 2013, Vo1 2: 605-618.
22. **Cauley JA**. Sex steroids and aging bone. In: *Osteoporosis in Older Persons: Advances in Pathophysiology and Therapeutic Approach (2<sup>nd</sup> edition)*. G. Duque and D.P. Kiel (eds). Springer 2016, in press.

## PROFESSIONAL ACTIVITIES

### TEACHING

#### *Courses Taught*

Number	Title	Hrs of lecture	Enrollment	Credits
EPID2900	Advanced Epidemiology of Aging (1989-present)	2	8	2
EPID2250	Epidemiology Seminar Series (2013-2015) Fall/Spring terms	1	38	1

#### *Other Teaching*

Type of Teaching	Title	Date(s)
Public Health Career Opportunity Program	Introduction to Epidemiology	1987-1992
Lecture	Aging Epidemiology Trainee Seminar	1990-1994
Lecture – Water Fluoridation, Bone Mass and Fracture; Water Chlorination and Lipids	EPIDEM 2220 – Environmental Epidemiology	1992, 1994
Lecture – Musculoskeletal Changes with Age	EPIDEM 2980 – Biology and Physiology of Aging	1993-1994
Lecture – Hormone Replacement Therapy and Cardiovascular Disease	EPIDEM 2150 – Epidemiology of Cardiovascular Diseases	1994–present
Faculty Advisor	Student Epidemiological Workshop	1997
Lecture – Prevention of Osteoporosis	EPIDEM 2260 – Epidemiological Basis of Disease Control	1996-2012
Lecture – Hormone Replacement Therapy: Osteoporosis and Breast cancer	EPIDEM 2710 – Epidemiology of Women’s Health	1998-2013
Lecture – Dietary Modification Trial	EPIDEM 2560 – Nutritional Epidemiology	2007-2010
Lecture – Estrogen and Hip Fractures (WHI)	EPIDEM 2850 – Pharmacoepidemiology	2010
Lecture - Vitamin D, Vitamin D Binding Protein, PTH and Fracture in Multi-ethnic Women	EPIDEM 2250- Seminar in Epidemiology	2010

Lecture: Fracture Risk Reduction with Zoledronic Acid by Predicted Fracture Risk Score	Endocrine Bone Club	2010
Lecture: Bone Resorption and Fracture Across the Menopause Transition (SWAN)	Endocrine Bone Club	2010
Lecture: The National Children's Study: Update	Research Seminar in Reproductive, Perinatal, and Pediatric Epidemiology	2011
Lecture- National Children's Study	EPIDEM 2250- Seminar in Epidemiology	2011
Lecture: FRAX Position Development Conference US Ethnic Calculators International Implementation	EPIDEM 2250- Seminar in Epidemiology	2011
Lecture-Research and Grant Writing	EPIDEM 2170 - Grant Writing	2011
Lecture: The Inflammation of Aging Hypothesis	EPIDEM 2250- Seminar in Epidemiology	2012
Lecture: IOM Guidelines for Vitamin D: Update 2011	EPIDEM 2250- Seminar in Epidemiology	2012
Lecture: Demography-Facts on aging and defining on aging research question.	EPIDEM 2981- Epidemiology of Aging Methods	2013-present
Lecture: Osteoporosis: Menopause and HRT	EPIDEM 2710- Epidemiology of Women's Health	2015
Lecture: Endogenous Hormones in Relation to Breast Cancer Risk	EPIDEM 2171- Cancer Epidemiology	2015
Lecture: Calcium supplementation with Vitamin D is a safe and effective public health fracture prevention intervention at doses currently recommended	EPIDEM 2250- Seminar in Epidemiology	2013-2015
Lecture: Personality and Chronic Disease Risk in Older Women: WHI-OS.	EPIDEM 2250- Seminar in Epidemiology	2015

**STUDENTS TRAINED: PRIMARY ADVISOR**  
**Masters and Doctoral Students - Pre-Doctoral**

*As of June 2015, I have had 34 PhD students as Primary Mentor and Chair; 4PhD students as Co-Primary Mentor and 14 Master's students.*

<i>Name of Student</i>	<i>Topic</i>	<i>Degree</i>	<i>Year</i>
Margaret Schramm	Lack of an association between calcium intake and blood pressure in postmenopausal women	MPH	1986
Dorthea LeDonne	The relationship of serum sex hormones (estrone, estradiol, testosterone and androstenedione concentrations) to physical activity in postmenopausal women.	MPH	1988

Minokshi Deshmukh, MD	Estrogen replacement therapy in postmenopausal women: effects on serum retinol and beta carotene	MPH	1988
Theodore Riley, DO	Water chlorination and serum lipids.	MPH	1991
Susan Muldoon	Blood lead levels and neuropsychological function in elderly women.	PhD	1992
Nancy Warhaftig-Glynn	The determinants of bone mineral density in older men.	PhD	1994
Michelle Danielson	Physical activity and its association with plasma lipids and lipoproteins in elderly women.	MPH	1993
	The study of bone mineral density in mothers and daughters	PhD	1995
Frances Lee Lucas	Bone mineral density and risk of breast cancer: The Study of Osteoporotic Fractures.	PhD	1996
Randi Wolf	Calcium absorption across vitamin D receptor genotypes in pre- and peri-menopausal women.	PhD	1998
Rana Ezzeddine	Lean and Fat Mass: Relationships to BMD in Older White and African American Men.	MPH	1999
Duyen Ngo	Breast Density, Bone Mineral Density and Sex Steroid Hormones in Older Women	PhD	1999
Jeanne Zborowski	Bone mineral and body composition in women with Polycystic Ovary Disease: A case-control study	PhD	2000
Joseph Zmuda	Androgen and Estrogen Receptor Polymorphisms and Bone Mass in Older Men	PhD	2000
Dina Jones	The Role of Physical Activity on the Need for Revision Total Knee Arthroplasty in Individuals with Osteoarthritis of the Knee	PhD	2001
Carmella Battaglia	Executive Function in Older Women: Relationship to Physical Function, Instrumental Activities of Daily Living and Activities of Daily Living	PhD	2002
Marilyn Ridenour	Bleeding Complications After Various Cardiac Procedures	MPH	2002
Miryoung Lee	Coronary Calcification and Bone Mass in Older Men	PhD	2002
Gladys Depoverda	Antioxidants and Cognition	MPH	2003
Gregory Marchetti	Vestibular Risk Factors for Falls	PhD	2004
Elizabeth Purchase-Helzner	The Epidemiology of Hearing Loss in Older Adults	PhD	2004
Kimberly Faulkner	Risk Factors For Falling In Older Community – Dwelling Adults.	PhD	2004
Deanna Hill	Ethnic and Gender Differences in the Correlates of Bone Mineral Density	PhD	2005
Ghada Farhat	Relationship between Osteoporosis and Cardiovascular Disease	PhD	2006

Naila Khalil	The Association of Lead Biomarkers with Health Effects in Community Residing Women and an Occupational Male Cohort	PhD	2007
Katherine Reeves	The effects of Anthropometry and Angiogenesis on Breast Cancer Etiology	PhD	2008
Jessica Albano	Vitamin D, Tissue Resistance, Bone Mineral Density and Breast Cancer	PhD	2009
Claudia Leiras	The Association between Prolactin and Mammographic Density	PhD	2009
Cher M. Dallal	2:16 $\alpha$ -hydroxyestrone and Risk of Breast Cancer: A Combined Analysis of Individual Data	PhD	2009
Kamil Barbour	Risk of Osteoporosis in Older Men	PhD	2010
Reena Cecchini	Issues in breast cancer prevention: Body mass index, breast density and fractures	PhD	2012
Christopher Damaino	Evaluation of health access in rural primary care practices	MPH	2012
Andrea Metti	Biomarkers for Cognitive Impairment and Alzheimer's Disease	PhD	2013
Leslie Meyn	Longitudinal evaluation of self-reported antibiotic use and its association with vaginal and rectal colonization by lactobacillus and symptomatic vulvovaginal candidiasis in sexually active women	PhD	2014
Sara Thorson	Sclerostin: A novel marker of osteoporosis risk. Inflammation and peripheral vascular disorder	MD	2014
Nivedita Ravi	Diet quality and risk of falls	MS	2014
Stephen Smagula	Determinants of depressive symptoms trajectories among older adults in community and treatment settings	PhD	2014
Didier Chalhoub	Osteoporosis and sarcopenia in older adults	PhD	2015
Ahmed Kassem	Anxiety symptoms, anxiolytic medication and cognitive impairment in older adults	PhD	2015

**STUDENTS TRAINED: PRIMARY ADVISOR**

**Masters and Doctoral Students Post-Doctoral**

Adele Towers, MD	Hand osteoarthritis in older women: symptoms, radiographic changes and functional impairment.	MPH	1991
Michelle Rossi, MD	Total cholesterol and mortality in elderly women	MPH	1992
Buffi LaDue, PhD	Ethnicity and social support in elderly men and women	MPH	1995
Loran M. Salamone, PhD	Determinants of premenopausal bone mineral density: the interplay of genetic and lifestyle factors.	MPH	1995

Elsa Strotmeyer, PhD	Osteoporosis and Diabetes: Are They Causally Linked?	PhD	2006
Pourin Famili, DMD	Periodontal Disease and Osteoporosis	PhD	2006
Tammy Outley, DrPH	Troponin levels and cardiovascular disease risk.	DrPH	2016

**CURRENT STUDENTS IN-TRAINING: PRIMARY ADVISOR**

Rebekah Harris	TBA	PhD	2014-present
Guru Rajesh Jammy	TBA	PhD	2015-present
Nayana Nagaraj	TBA	PhD	2015-present

**STUDENTS TRAINED: CO-PRIMARY MENTOR**

Kimberly Forrest	Driving patterns and risk factors for driving cessation in elderly women	PhD	1995
Edward Gregg	Bone Quality and Bone Mass: A study of the genetic and environmental determinants in pre- and postmenopausal women	PhD	1997
Peijun Chen	Cognitive performance and decline as predictors of the development of Alzheimer's disease in a 10-year community-based study	PhD	2000
Annette Rexroad	Factors related to visceral obesity in black and white women during mid-life	PhD	2001

**SERVICE ON MASTERS AND DOCTORAL COMMITTEES (member)**

Grace Egeland, PhD	Hormone replacement therapy and cardiovascular disease risk factors: I - Selection factors for use; and II- Consequences of therapy		1989
Wen-Ta Chiu, MD, PhD	Epidemiology of head injury in Hualien County, Taiwan		1989
Jonathan Ramlow, PhD	Epidemiology of the late effects of poliomyelitis		1990
Anne Sweeney, PhD	A prospective study of physical activity during pregnancy and birth weight		1991
Geoffrey John Tolge, PhD	The association between self-rated health and the prediction of morbidity and mortality among elders		1992
Robyn Anderson, PhD	Risk factors for repeat adolescent injuries		1993
Todd Olsen, PhD	Low back pain in an adolescent population		1993
Deborah Aaron, PhD	Measurement of physical activity in adolescents		1994
Deborah Landen, MD	A study of injury among electrical line workmen		1995
Mark Pereira, PhD	A randomized walking trial in postmenopausal women		1997
Hank Weiss, PhD	Fetal injury death rates		1999
Louise Aurillo, PhD	Promotion of adoption and adherence to regular leisure-time walking behavior in healthy mid-life women. A randomized controlled study.		2000
Ami Patel, PhD	Hearing Loss: Associations with cardiovascular disease risk factors and sub-clinical cardiovascular disease within the Health, Aging and Body Composition Study		2005
Gretchen Gierach, PhD	Epidemiology of cytokines and breast density		2006

Jennifer K. Simpson, PhD	Breast density and endogenous hormones	2006
Suzanne Goldman, PhD	Sleep duration and naps – associations with daily performance	2006
Yah-Tyng Sheu, PhD	Determinants of skeletal health in Afro-Caribbean men	2007
Lara McCleary, MS	Polycystic ovary disease: Effects on trabecular and cortical BMD	2008
Laura Yerges, PhD	Genetic determinants of bone mineral density in men: A candidate gene approach to studying a complex trait	2008
Carol Janney, PhD	Physical activity in overweight and obese adults with schizophrenia and schizoaffective disorder	2012
Elizabeth Hight, MS	A descriptive study of the genetic counseling environment of men with breast cancer in the US	2013
Rachel Ward, PhD	Peripheral nerve decline impacts lower extremity muscle function in older adults	2014
Tushar Singh, PhD	Postdoctoral, MILES, Dept of Epidemiology, University of Pittsburgh	2014
Brittney Lange-Maia, PhD	Predocctoral, Peripheral nervous system function, physical activity and physical fitness in older adults	2015-present
Mary Kotlarczyk, PhD	T32 Postdoctoral Scholar (Pharmacology)	2015-present
Mary Winger, MPH	TBA	2016-present

#### **SUPERVISION OF POST-DOCTORAL STUDENTS, RESIDENTS, AND FELLOWS**

Shervondalon Brown, MD	Postdoctoral	1999-00
Molly Vogt, PhD	Postdoctoral	1994-97
Michelle Danielson, PhD	Postdoctoral	1996-00
Randi Wolf, PhD	Postdoctoral	1998-00
Douha Safar, MD	Endocrine Fellow	1999-00
Kimberly Faulkner, PhD	Post-doctoral Fellow; Aging Training Grant	2000-04
Elizabeth Purchase-Helzner, PhD	Post-doctoral Fellow; Aging Training Grant	2000-04
Kimberly Faulkner, PhD	Postdoctoral Scholar, Peripheral nerve contribution to fall and fracture	2007-08
Hae-Sung Nam, PhD	Postdoctoral, Visiting Professor, Korea	2008-10
Yahtyng Sheu, PhD	Postdoctoral , Bone Marrow Fat, Bone Turnover and Osteoporosis	2008-13
Min Ho Shin, MD	Postdoctoral, Visiting Professor, Korea	2011-13

#### **JUNIOR FACULTY MENTORING OUTSIDE UNIVERSITY**

Beatrice Edwards, MD, MPH	Fracture incidence in cancer survivors, a population based study	2007-10
L. Susan Taichman, RDH, MPH, PhD	Oral health in breast cancer survivors on aromatase inhibitors	2011-present

## STUDENT AWARDS

**The following students, for whom I have been the primary mentor,  
have won the following awards**

Loran Salamone	Society for Epidemiologic Research, Outstanding Student Award; University of Pittsburgh, GSPH Outstanding Student Award
Randi Wolf	American Society for Bone and Mineral Research, Young Investigator Award (1999); Delta Omega Society Outstanding Teachers Award, Columbia University (2003-04, 2004-05 and 2005-06) Travel Award, American Society for Bone and Mineral Research, (2001) Outstanding Student, University of Pittsburgh, (1994, 1998) Delta Omega Honors society, (1995)
Joseph Zmuda	University of Pittsburgh, GSPH Best Dissertation Award; Outstanding Student Award, 2000, American Society for Bone and Mineral Research, Young Investigator Award (2003), American Federation for Aging Research, (2000)
Ghada Farhat	American Society for Bone and Mineral Research, Young Investigator Award (2004 and 2006); Delta Omega Society
Nhalil Khalil	American Society for Bone and Mineral Research, Young Investigator Award (2009)
Beatrice Edwards	American Society for Bone and Mineral Research, Career Enhancement and Junior Faculty Research Award (2010)
Elsa Strotmeyer	Course in Scientific Management and Leadership, Office of Academic Career Development, Health Sciences, University of Pittsburgh (2008), Health Sciences Research Award, Gerontological Society of America (2007), Endocrine Society and Pfizer, Inc. International Award for Excellence in The Journal of Clinical Endocrinology & Metabolism in (2007), Health Sciences Research Award, Gerontological Society of America (2007) Alumni Award for 2005, University of Pittsburgh Postdoctoral Association (UPPDA) (2006), Summer Institute on Aging Research, National Institute on Aging (2005), Delta Omega Honor Society, University of Pittsburgh (2004)
Edward Gregg	Distinguished Alumni Award, Wake Forest University (2010) Best Dissertation Award; Delta Omega (1997), Distinguished Alumni Award, University of Pittsburgh, Graduate School of Public Health (2012) Membership in the American Epidemiology Society (2013)
Adele Towers	UPMC Award for Commitment to Excellence in Services (2001-07)
Susan Muldoon	Delta Omega Honor Society (2009) Innovation in Behavioral Sciences, Second place (2001)
Kimberly Faulkner	Merit Award for Excellence in Teaching (2004)
Randi Wolf	Outstanding Teachers Award, Columbia University (2003-04; 2004-05 and 2005-06).
Dina Jones	Outstanding Student, University of Pittsburgh (2001) Best Poster, Healthy Aging Network (2007)
Miryoung Lee	American Heart Association, Ohio Affiliate, Beginning Grant in Aid Program (2006-09)
Gregory Marchetti	Dean's Award for Excellence in Service to the University Mission, Duquesne University (2009)

Deanna Hill	R&D Exceptional Science Award Program, GlaxoSmithKline (2007)
Andrea Metti	International Alzheimer's Disease Association, Travel Award (2011)
	University of Pittsburgh, Graduate School of Public Health, Department of Epidemiology, Delta Omega Membership (2013)
Kamil Barbour	American Society for Bone and Mineral Research, Young Investigator Award (2012)
Didier Chalhoub	American Society for Bone and Mineral Research, Young Investigator Award (2013); Travel Award (2014).
Stephen Smagula	University of Pittsburgh, Department of Epidemiology, Outstanding Student Award (2015).
Nayana Nagaraj	University of Pittsburgh, Delta Omega Essay/Thesis/Dissertation Student Award (2016).

**RESEARCH AND TRAINING**

**Current Active Grants and Contracts Received**

**PRINCIPAL INVESTIGATOR: ACTIVE OR PENDING**

Years Inclusive	Grant or Contract Number and Title	Source	Annual Amount
08/99-04/18	Osteoporotic Fractures In Men, (MrOS) U01-AG042139-14	NIA	\$526,525
05/09-04/17	Outcomes of Sleep Disorders in Older Men: MrOS Sleep Study 2803209-S107	Cal Pac Med Ctr/NIH	\$117,752
06/07-04/19	Bone Strength through the Menopausal Transition: Trabecular Bone Score R01-AG26463-06	NIA	\$461,301
07/14-05/19	Long-term significance of pre-radiographic lesions in persons at risk for knee OA	Northwestern University	\$119,593
09/11-05/17	Study of Osteoporotic Fractures-Pgh Clinical Center R01-AG027576-29	NIA	\$207,844
04/12-03/17	Change in Sleep and Cognition in Older Women SOF Sleep Renewal	Cal Pac Med Ctr/NIH	\$37,605
09/13-08/17	Determination of Skeletal Muscle Mass by Creatine Dilution R01-AR065268-01A1	NIH	\$11,469
07/14-07/19	Risk of Incident Knee OA and Clinical Outcomes Based on Imaging Biomarkers R01-AR066601-01	University of Arizona	\$96,975

**CO-INVESTIGATOR  
ACTIVE AND PENDING**

Years Inclusive	Grant or Contract Number and Title	Source	Amount
09/07-05/16	Peripheral Nerve Function Decline in an Aged Cohort R01-AG028050-05 (Active)	NIA	\$63,747
06/09-06/19	Study of Women's Health Across the Nation U01- AG012546-21 (Active)	NIA	\$391,224
09/10-08/16	Epidemiology of Bone Loss in African Men R01-AR049747-08 (Active)	NIAMS	\$397,518
09/15-06/18	ENRGISE (ENabling Reduction of low-Grade Inflammation in Seniors) U01 AG050499 (Active)	Univ. of Florida	\$130,378



12/15-11/18	Feasibility of an Osteoarthritis Offspring Study R03 AR069323 (Active)	Baylor College of Medicine	\$55,622
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**CONSULTANT  
ACTIVE AND PENDING**

Active or Pending	Grant or Contract Number and Title	Principal Investigator/ Institution
Pending	Preservation of skeletal integrity in frail elder women.	Susan L. Greenspan University of Pittsburgh
Pending	Treatment Effects of Vitamin D in Early Menopause	Erin LeBlanc/ Kaiser Permanente Center for Health Research, Portland OR.

**PAST**

Years Inclusive	Grant or Contract Number and Title	Source	Amount
01/82-12/83	Co-Investigator, Body Composition in Menopause	United Way, HRSF	\$14,385
01/83-12/83	Body Composition, Physical Activity and Nutrition in Menopause	United Way, HRSF	\$12,634
07/84-06/86	Epidemiology of Estrogen, Physical Activity and Lipids, NU05735	NIH NRSA	\$41,000
07/88-06/89	Sex Steroid Hormones and Coronary Artery Disease in Postmenopausal Women. Funded by Central Research Development Fund	Univ. of Pittsburgh	\$8,235
07/89-06/90	Relationship of Water Chlorination to Lipo- and Apo-proteins in Elderly Women.	U.S. EPA	\$10,000
01/90-10/90	Blood lead levels in postmenopausal women Funded by: Environmental Epidemiology Center	Univ. of Pittsburgh	\$31,860
01/90-12/90	Principal Investigator, The Epidemiology of Sex Hormones and Osteoarthritis of the Hand	Western PA Chapter, Arthritis Fnd.	\$9,800
08/90-03/91	Osteoarthritis and Osteoporosis in Elderly Women	Univ. of San Francisco, CA	\$12,359
07/90-06/91	Principal Investigator, Water Fluoridation, Bone Mineral Density, and Fracture Rates in Elderly Women	U.S. EPA	\$20,000
01/86-12/91	Co-Principal Investigator, Risk Factors for Hip and Colles' Fractures, AR35582.	NIH	\$880,718
08/88-07/92	Co-Principal Investigator, Epidemiology of Hormones and Osteoporosis, AR35858	NIH	\$583,079
04/88-03/93	Epidemiology of APOE & Lipoproteins in Elderly Women, HL40489	NIH	\$314,462
07/92-07/93	Fractures in Older Women -ORWH Admin Supplement	NIH-ORWH	\$50,000

09/89-08/93	Co-Investigator, Epidemiology of Sports Injuries, AR39541	NIH	\$669,264
07/93-06/94	SOF MXA Study: Morphometric X-ray Absorptiometry.	Hologic, Inc.	\$4,500
09/94-09/95	Co-Investigator, Cardiovascular Health Study (CHS) Bone Density Ancillary Study, NO1-HC-85082	NIA	\$55,507
01/93-12/95	Co-Investigator, Oral Health Risk Assessment: Osteoporotic Elderly Women, R03-DE10405	National Institute of Dental Res.	\$100,000
03/95-03/96	Fractures in Older Women, ORWH Administrative Support	NIH-ORWH	\$49,687
06/92-06/96	The Effect of Orally Administered 17 $\beta$ Estradiol (Estrace <sup>7</sup> ) in Graded Doses on Bone Density Changes Associated with the Early Menopausal Period - A Dose-Response Study in the Prevention of Postmenopausal Osteoporosis.	Bristol Myers	\$350,880
12/94-08/96	Fractures in Older Women (Supplement to AR35582)	NIAMS	\$713,413
05/93-12/96	Bone Loss in Peri-Menopausal Women: Women's Healthy Lifestyle Project.	Merck, Inc	\$78,500
10/91-08/97	Fracture Intervention Trial	Merck, Inc	\$2,567,555
03/97-02/98	Fracture Intervention Trial Extension Study	Merck, Inc.	\$30,443
11/93-04/98	Fracture-Related Health Care Utilization Study.	Merck, Inc	\$48,749
08/96-07/98	Bone Density and Risk of Breast Cancer, DAMD17-96-1-6114.	US Army, Dept. of Defense	\$115,634
09/92-12/98	Heart and Estrogen/Progestin Replacement Study, 713B-401-US	Wyeth-Ayerst	\$1,672,233
11/94-12/00	Raloxifene Hydrochloride Osteoporosis Fracture Study (MORE), H3-MC-GGGK	Eli Lilly & Company	\$2,056,950
08/98-05/01	Study of Osteoporosis Prevention, MF4499	Roche Global Deve.	\$599,936
08/98-06/01	Heart and Estrogen/Progestin Replacement Study II, 713B-401-US	Wyeth-Ayerst	\$2,205,730
09/99-06/01	Comparative Study of Daily vs. Weekly Ibandronate, 99-6066	Roche Global Deve.	\$117,286
09/97-08/01	Bone Loss and Vertebral Fractures in Older Men, 5 P60 AR44811-03	NIAMS	\$528,498
08/01-07/03	Effect of Raloxifene on Estrogen Metabolites in Women enrolled in MORE	Eli Lilly & Company	\$30,000
09/01-07/03	Study of Osteoporotic Fractures – Sleep Study	UCSF, NIH	\$124,402
09/00-09/03	Bone Mineral density and Subsequent Cancer Risk Study	NCI	\$21,175
03/97-10/03	FIT Long Term Extension Study (FLEX), 051-20	Merck	\$950,608
01/02-06/04	Raloxifene Alendronate Comparison in Postmenopausal Women with Osteoporosis (EVA)	Eli Lilly & Company	\$52,223

09/99-08/04	Health Decline in Aged Caregivers: An Epidemiology Study	NIA	\$146,877
09/01-07/05	Study of Osteoporotic Fractures – Sleep Study, 2809SC	California Pacific Medical Ctr,NIH	\$124,402
09/99-08/05	Continuing Outcomes Relevant to Evista, (CORE) H3S-MC-GGJY	Eli Lilly & Company	\$299,666
03/93-09/05	Co- Principle Investigator, Vanguard Clinical Center for Women’s Health Initiative (WHI)	NIH	\$8,498,738
09/03-03/06	WHI Sex Hormone & Genetic Risk Factors for Hip Fracture -2803200	Cal Pacific Med Ctr, NIH	\$67,699
05/03-04/06	Comparison of Raloxifene and Lasofoxifene (CORAL), A218-1030-1006	Pfizer	\$265,349
07/02-06/06	Mammographic Density in a Multi-Ethnic Cohort, 115-9342-03	Kaiser Res Inst, NIH	\$176,494
09/98-08/06	Raloxifene in Women at Risk for Cardiovascular Events, (RUTH) H3S-MC-GGIO	Eli Lilly & Company	\$1,266,441
04/06-03/07	A multicenter, single visit study to create a database of “normative ranges” for bone biomarkers from healthy, non-pregnant, bisphosphonate naïve pre-menopausal women. CZOL446H2412	Novartis	\$24,165
08/02-07/07	Incidence of Late Macular Degeneration in Older Women, 1850GED185	UCLA,NIH	\$225,405
08/07-10/07	T-Trial Pilot (Sub-contract)	University of Pennsylvania	\$13,864
06/04 – 11/07	Dynamics of Health, Aging and Body Composition, N01-AG-6-2101: Co- Principal Investigator	NIA	\$526,997
08/03-06/08	Longitudinal Changes in Hip Geometry & Skeletal Muscle (WHI – Hip Geometry), Y404129	Univ of AZ,NIH	\$49,186
09/03-06/08	Outcomes of Sleep Disorders in Older Men (MrOS Sleep), RO1-HL070842	NHLBI	\$1,009,456
12/03-11/08	Epidemiology of Bone Loss in African Men R01-AR049747: Co-Investigator	NIAMS/NIA	\$412,932
01/07-01/09	Hormone Therapy, Estrogen Metabolism and Risk of Breast Cancer or Hip Fracture in the WHI Hormone Trial: N01-WH-7-4320	NHLBI	\$560,000
01/07–01/09	Genome-wide Association Study of Hip Fracture N01-WH-7-4316	Ohio State, NIH	\$32,307
06/04- 04/09	Study of Women’s Health Across the Nation (SWAN), 5 U01 AG12546-13: Co-Principal Investigator	NIA	\$85,189
09/89-04/09	Training in the Epidemiology of Aging; Principal Investigator T32AG000181-18	NIA	\$1,642,190

02/86-07/09	Study of Osteoporotic Fractures, R01-AG027576-24	NIH	\$207,528
07/01-12/09	Postmenopausal Evaluation and Risk-reduction with Lasofoxifene (PEARL) A218-1002-5122	Pfizer, Inc	\$149,392
12/05-01/09	Measuring the Effects of Fosamax on Bone Structure, (FIT Hip Structure)	Merck	\$27,600
05/04-03/10	Bone Strength Phenotypes in Men: Genes and Environment R01-AR051124 Co-Investigator	NIAMS	\$805,173
05/07-02/10	Anemia and Its Relationship with Sarcopenia and Mortality Y481844	Univ. of Arizona, NIH	\$11,244
09/05-06/10	Estradiol, Cytokines & Bone Turnover- Effects on Fracture R01-AR-052105-01	NIAMS	\$1,238,154
09/05- 08/11	Health Decline in Aged Caregivers: An Epidemiological Study 44-240-7160-5	Boston Univ.,NIH	\$27,474
07/06-06/11	Change in Sleep and Cognition in Older Women 2803212	Cal Pacific Med Ctr, NIH	\$137,354
01/07-07/11	Biochemical Antecedents of Fracture in Minority Women N01-WH-7-4318	NHLBI	\$474,557
09/09-08/11	Study of Osteoporotic Fractures R01-AG027576-26	NIH	\$125,000
04/08-03/12	Vitamin D, Falls and Fractures and Function in Community-dwelling Older Adults WFUHS11200	Wake Forest Univ., NIH	\$63,119
09/09-08/12	Epidemiologic Study of Bone Marrow Fat and Osteoporosis 1RC1AR058162-02	NIAMS	\$390,761
09/07-08/12	Pitt-MCRC for Rheumatic and Musculoskeletal Diseases; Inflammation of Aging: Pro- Inflammatory Cytokines, Hormones & Fracture in Older Men P 60 AR054731 (PI of Project 3)	NIAMS	\$279,431
09/07-03/13	National Children's Study HHSN26720070002	NICHD	\$1,373,495
01/02-10/13	Safety and Efficacy of Zoledronic Acid in Osteoporosis, (HORIZON) CZOL446H2301	Novartis	\$64,060
07/12-12/14	Osteoarthritis Initiative HHSN268201200034C	NIH/NHLBI	\$197,306
04/11-04/15	Testosterone Trial-CV Subset	Penn/NIH	\$22,369
05/09-09/15	Testosterone Trial #556786 (U01-AG030644-Peter Snyder, PI)	Penn/NIH	\$45,859
10/10-10/15	The WHI Regional Field Center Program HHSN26820110000	Ohio State	\$144,511
09/11- 06/15	Health Decline in Aged Caregivers: An Epidemiological Study 45-00001137	Boston Univ. NIH	\$9,921
04/11-03/16	Testosterone Trial-Bone Subset (5 R01-AG37679)	Penn/NIH/ NIA	\$36,042

**INVITED LECTURESHIPS AND MAJOR SEMINARS**  
**at Other Institutions Related to Your Research**

Title of Presentation	Meeting	Date
An In-depth Review of What's New in Osteoporosis: Does Estrogen Replacement Therapy Protect Against Cardiovascular Disease	Division of Endocrinology of Boston University School of Medicine	Oct 1991
Emerging Issues in Women's Health and Reproductive Health: Estrogen Replacement Therapy in Postmenopausal Women: The Controversy	U.S. Public Health Service Professional Association, Cincinnati, Ohio	April 1992
Invited Speaker: Physical Activity, Fractures and Falls	Symposium on Activity and Women's Health. American College of Sports Medicine, Seattle, Washington	June 1993
Invited Speaker: Epidemiology of Total Hip Replacement	NIH Consensus Development Conference: Total Hip Replacement	Sept 1994
Invited Speaker: Estrogen Replacement Therapy	Symposium on Alternatives to the Treatment of Osteoporosis, Yale School of Medicine	May 1995
Invited Speaker: Racial differences in risk of osteoporosis	State University of New York at Buffalo, School of Medicine	Sept 1995
Invited Speaker: Pharmacokinetics and Drug Interactions in the Elderly	Institute of Medicine, National Academy of Sciences, Xavier University, New Orleans, LA	April 1996
Bone mineral density predicts the risk of breast cancer in older women: The Study of Osteoporotic Fractures	Wyeth-Ayerst Laboratories: 10th Annual Symposium on the long-term effects of estrogen deprivation	July 1996
BMD and Breast Cancer	Hungarian Osteoporosis Intl Mtg, Budapest, Hungary	Sept 1996
Epidemiology of Osteoporosis	Kent State University, Ohio	Oct 1996
Bone Health and Diseases	NIH Women's Health Seminar Series: Office of Research on Women's Health	Dec 1996
BMD and Risk of Breast Cancer	University of Maryland	Jan 1997
Results of Fracture Intervention Trial.	Cornell University, New York	Feb 1997
The Study of Osteoporotic Fractures	Yale School of Medicine	Feb 1997
WHI: Hormones and Osteoporosis	NIH Women's Health Seminar Series: Office of Research on Women's Health	March 1998
Water Fluoridation and Fractures	PA State Health Department; PA State Dental Society	June 1998
Mortality Following Clinical Fractures	Prague, Czech Republic & Vienna, Austria	Oct 1998 & Jan 1999
Estrogens and Osteoporosis	Stony-Brook University, NY	April 1999
Estrogens, SERMS and Breast Cancer	American College of Physicians, Satellite Symposium, New Orleans	April 1999
Recent Advances in the Treatment of Osteoporosis.	Eastern PA Osteoporosis Society	June 1999
Skeletal Health and Fluoride	World Health Organization Mtg, Beijing, China	May 2001

Women's Health through Menopause and Beyond	WHI: State of the Medical Art: Maintaining Women's Health through Menopause and Beyond	2002
Osteoporosis and Bone Health	The Surgeon General's Report on Osteoporosis and Bone Health, Washington, DC	2003
Risk-Benefit Assessment for Raloxifene: 4- Year Data from the Multiple Outcomes of Raloxifene Evaluation (MORE) Randomized Trial	American Society for Clinical Oncology, Chicago, IL	2003
Risks and Benefits of Estrogen Plus Progestin in Healthy Postmenopausal Women	AAHPs 2003 Institute & Display Forum, Washington, DC	June 2003
Invited Speaker: Prevention and Treatment of Osteoporosis	Robert Wood Johnson Medical School, University of Medicine & Dentistry of New Jersey, New Brunswick, NJ	June 2003
Breaking News: Recent Data from the WHI.	Nurse Practitioner's National Scientific Advisory Board, Orlando, FL	July 2003
Experts Mtg: Current Evidence and Future Approaches to Breast Cancer Risk, Reduction in Latin America	Association for Health Research and Development (ACINDES), Buenos Aires, Argentina	Aug 2003
Raloxifene: Clinical Trial Data Hormone Therapy, SERMS, Aromatase Inhibitors, and Breast Cancer	Southeast Regional Endocrine 3 <sup>rd</sup> Annual Meeting, Sandestin, FL	Oct 2003
Selected Key Findings from The Women's Health Initiative	Medical Education Symposium for Healthcare Professionals	Oct 2003
Menopause and Menopause Treatment: Raloxifene Therapy and Breast Cancer risk Reduction in Postmenopausal Women with Osteopenia.	XVII FIGO World Congress of Gynecology and Obstetrics, Santiago Chile	Nov 2003
Menopause and Menopause Treatment: Effect of Raloxifene on Benign Breast Conditions, Breast Symptoms, Biopsies in Women Participating in the Multiple Outcomes of Raloxifene Evaluation (MORE) Trial	XVII FIGO World Congress of Gynecology and Obstetrics, Santiago Chile	Nov 2003
Invited Speaker: Estrogen/Hormone Therapy and SERMS	The National Osteoporosis Foundation Regional Meeting	Nov 2003
Risk-Benefit Profile of Raloxifene: Influence of Breast Cancer Risk Factors	26 <sup>th</sup> Annual San Antonio Breast Cancer Symposium	Dec 2003
Invited Speaker: Estrogen plus Progestin and Bone Health: The Women's Health Initiative	American College of Cardiology (ACC) 53 <sup>rd</sup> Annual Scientific Session 2004, New Orleans	March 2004

Invited Speaker: Women's Health Initiative: Risks and Benefits of Combined Estrogen plus Progestin Therapy	Pennsylvania Association of Family and Consumer Sciences Inc (PAFCS) 2004 Annual Conference, Pittsburgh, PA	April 2004
Moderator/Speaker: Epidemiologic Trends In Women's Health	Medical Education Symposium for Healthcare Professionals: "Opening the Door to Postmenopausal Women". Indianapolis, IN.	May 2004
Invited Speaker: Osteoporosis: Taking Care to a Higher Level	American Academy of Physical Medicine and Rehabilitation 65 <sup>th</sup> Annual Assembly. Phoenix, AZ.	Oct 2004
Invited Speaker: Grand Rounds: Sex Steroid Hormones, BMD & Fracture in Older Men	Northwestern University, Rheumatology, Chicago, IL.	Dec 2004
Invited Speaker: Grand Rounds: Sex Steroid Hormones in Older Men: Cross-Sectional and Longitudinal Association with Bone Mineral Density: The MrOS Study	John Hopkins University, Endocrine, Baltimore, MD.	Dec 2004
Lasofoxifene National Advisory Board	Invited Member, Lasofoxifene National Advisory Board Mtg, New York, NY.	Jan 2005
Calcium/D Cohorts in the WHI Current Status and Time Table	The 16 <sup>th</sup> Intl Calcium Board Mtg, GlaxoSmithKline, Morristown, NJ.	March 2005
Invited Speaker: Sex Steroid Hormones in Older Men: Cross-Sectional and Longitudinal Association with BMD & Fracture: the Osteoporotic Fracture in Men Study (MrOS)	University of Connecticut Health Center, Farmington, CT	March 2005
Bisphosphonates & Osteonecrosis of the Jaw.	Novartis Advisory Panel Mtg, Short Hills, NJ.	March 2005
International Collaboration on Breast and Ovarian Cancer	Invited Member, International Collaboration on Breast and Ovarian Cancer Oxford University	April 2005 June 2006, 2011, 2012
Invited Speaker: Link Between Breast Cancer and Osteoporosis or BMD	Breast Cancer Advisory Board Mtg, Eli Lilly, Inc. Orlando, FL.	May 2005
Invited Speaker: Ethnicity & Bone Mass and Current Trends in Bisphosphonate Treatment	Jamaica Osteoporosis Society Launch, Symposium, Kingston, Jamaica	May 2005
Invited Speaker: Study results of Raloxifene use for the heart (RUTH)	National Surgical Adjuvant Breast Project (NSABP) Mtg, Baltimore, MD	Oct 2006
Invited Speaker: Grand Rounds: The role of the RANK/RANK-Ligand/OPG pathway in bone loss and associated diseases	Visiting Faculty Program University of Connecticut/ OB/GYN	Nov 2006

Postmenopausal osteoporosis: Treating bone as a living tissue	European Congress on Clinical and Economic Aspects of Osteoporosis and Osteoarthritis (ECCEO) Mtg, Portugal	March 2007
Invited Speaker: Osteoporosis in Men	National Osteoporosis Foundation (NOF) Mtg, Washington, DC	April 2007
Invited Speaker: Grand Rounds: Risk Factors for Fractures in Minority Women	Medical College of Virginia - Endocrinology	May 2007
Invited Presentation: Results of the HORIZON Trial	Pittsburgh PTHrp program	July 2007
Invited Speaker: Stop the Silent Thief: Maintain Strong Bones	National Institutes of Health, Office of Research on Women's Health (ORWH) Women's Health Seminar Series	Oct 2007
Invited Speaker: Identifying the Patient for Chemoprevention	The North American Menopause Society (NAMS)	Oct 2007
Invited Speaker: Lessons Learned from Epidemiological Studies of Osteoporosis	University of Alabama – Rheumatology Fellows Noon Conference, Birmingham, AL	Jan 2008
Invited Speaker: Successful Aging and Bone Health	University of Alabama – Center for Metabolic Bone Health, Birmingham, AL	Jan 2008
Invited Speaker: Grand Rounds: Identifying Women for Osteoporosis Treatment: The WHO Fracture Risk Score	Allegheny General Hospital, Pittsburgh, PA	Nov 2008
Invited Speaker: Causes of Falls in Older Men: Physical Performance, Activity and Sex Steroids	OSTEOMEN, S. Margherita Lugure, Italy	Nov 2009
Invited Speaker: Worldwide Epidemiology of Fractures: Differences between East and West	IOF World Congress on Osteoporosis, Bangkok, Thailand	Dec 2008
Invited Speaker: Worldwide Epidemiology of Fractures: Differences between East and West	ISCD Meeting, Orlando, FL	March 2009
Meet the Professor: Osteoporosis and diabetes: Risk/benefit therapies.	ISCD Meeting, Orlando, FL	March 2009
Invited Speaker: Epidemiology of Vertebral Fractures	IBMS Meeting, Sydney, Australia	March 2009
Invited Speaker: Cohort trials and randomized Trials: What can we learn from both?	36th European Symposium on Calcified Tissue, Vienna, Austria	May 2009
Meet the Professor: Cardiovascular Disease, Breast Cancer and Osteoporosis: Are They Causally Linked?	36 <sup>th</sup> European Symposium on Calcified Tissue, Vienna, Austria	May 2009
Lecture: Nocturnal Hypoxia and Risk of Falls Fractures and Death in Older Men	American Thoracic Society, San Diego, CA	May 2009



Invited Speaker: Atrial Fibrillation and Bisphosphonates	The Endocrine Society's 91 <sup>st</sup> Annual Meeting, Washington, DC	June 2009
Invited Speaker: Vitamin D and Bone Health Across Multiple Cohorts	ISIS Fund Network on Musculoskeletal Health, Denver, CO	Sept 2009
Visiting Professor: Vitamin D, Vitamin D Binding Protein, PTH and Fracture in Multi-ethnic Women.	Musculoskeletal Research Group at the Institute for Aging, Harvard University, MA	April 2010
Invited Speaker: Selective Estrogen Receptor Modulators	6 <sup>th</sup> Annual SERM Conference, Tokyo, Japan	May 2010
Invited Speaker: Defining Ethnic and Racial Differences in Osteoporosis and Fragility Fractures	American Academy of Orthopedic Surgeons 2010 - Musculoskeletal Healthcare Disparities Research Symposium, Alexandria, VA	May 2010
Invited Speaker: Endogenous Sex Steroids Hormones and Diabetes	American Diabetes Association 70 <sup>th</sup> Scientific Sessions, Tampa, FL	June 2010
Invited Speaker: Vitamin D: Shining a Light on the Sunshine Vitamin.	North American Menopause Society (NAMS) Conference, Chicago, IL	Oct 2010
Invited Speaker: An Update on the Epidemiology of Osteonecrosis of the Jaw.	32 <sup>nd</sup> Annual Meeting of the American Society for Bone and Mineral Research, Toronto, Canada	Oct 2010
Invited Speaker: An Update on the Epidemiology of Osteonecrosis of the Jaw and Atypical Fractures	The International Society for Clinical Densitometry, IOF Position Development Conference, Bucharest, Romania	Nov 2010
Invited Speaker: FRAX International	The International Society for Clinical Densitometry Position Development Conference, Bucharest, Romania	Nov 2010
Invited Speaker: Overview from Clinical Studies in Humans on Bone Loss through the Menopause Transition	American Society for Bone and Mineral Research, Forum on Aging and Skeletal Health, Bethesda, DC	March 2011
Invited Presentation: Vitamin D, Falls and Bone Health: Just the Facts.	The University of Arizona, Mel and Enid Zuckerman College of Public Health, Tucson, AZ	March 2011
Invited Presentation: Vitamin D, Falls, & Bone Health: Just the Facts	University of Massachusetts, Center for Research and Education in Women's Health, Amherst, MA.	April 2011
Invited Presentation: Epidemiology of Osteoporosis.	University of Massachusetts, Epidemiology of Women's Health, Amherst, MA	April 2011
Invited Speaker: A Tribute to the Life and Work of MaryFran R. Sowers, PhD	45 <sup>th</sup> Donald W. Gudakunst Memorial Lecture, University of Michigan School of Public Health, Ann Arbor, MI	Oct 2011
Invited Speaker: Women and the Menopause Transition	Lebanese Society of Obstetrics and Gynecology, Beirut, Lebanon	Nov 2011
Invited Speaker: WHI 2011: What Have we Learned?	Lebanese Society of Obstetrics and Gynecology, Beirut, Lebanon	Nov 2011

Grand Rounds: Ethnic and Racial Differences in Osteoporosis and Fragility Fractures.	Meharry Medical College Grand Rounds, Department of Obstetrics and Gynecology, Nashville, Tennessee	Dec 2011
Keynote Speaker: Objective Measures of Physical Activity: Falls, Fractures and Mortality.	Canadian Multicentre Osteoporosis (CaMos) Annual Scientific Meeting, Toronto, Canada	April 2012
Oral: Baseline Serum Estradiol and Fracture Reduction during Treatment with Hormone Therapy: The Women's Health Initiative Randomized Trial Chair -Symposium session.	Women's Health Initiative Investigator's Meeting, Washington, DC	May 2012
Geographical & Ethnic Variation in Fracture Risk: Clinical implications	ENDO 2012, Houston, TX	June 2012
Invited guest: Too Fit to Fracture.	33 <sup>nd</sup> Annual Meeting of the American Society for Bone and Mineral Research, Minneapolis, MN	Oct 2012
Invited presentation: Metabolic Factors that Influence Skeletal Aging.	33 <sup>nd</sup> Annual Meeting of the American Society for Bone and Mineral Research, Minneapolis, MN	Oct 2012
Invited Oral presentation: Treating Men with Osteoporosis	The Endocrine Society – CMES Ancillary Symposium, San Francisco, CA	June 2013
Invited Speaker: Calcium plus Vitamin D Supplementation and Health Outcomes 5 Years After Active Intervention Ended: The Women's Health Initiative	Department of Obstetrics & Gynecology, School of Medicine, National University of Singapore, Singapore	Aug 2013
Invited Speaker: Geographical and ethnic differences in fracture risk.	Division of Endocrinology, Department of Medicine and Osteoporosis Society Singapore, National University of Singapore, Singapore	Aug 2013
Invited Moderator, Meet the Experts Breakfast Series: Calcium Supplements and Risk of Cardiovascular Disease	The North American Menopause Society (NAMS), Dallas, TX	Oct 2013
Invited Plenary presentation: DXA testing and screening: How early; how often?	The North American Menopause Society (NAMS), Dallas, TX	Oct 2013
Invited Presentation: Calcium and Myocardial Infarction. Are our treatments hurting our patients?	34 <sup>th</sup> Annual Meeting of the American Society for Bone and Mineral Research, Baltimore, MD	Oct 2013
Invited Speaker: Sex hormone concentrations and breast cancer risk	Department of Preventive Medicine and Public Health, Chungnam National University Medical School, Daejeon, South Korea	Oct 2013

Invited Plenary Speaker: Estrogen and Bone Health in Men and Women	Workshop on Estrogen Exposure and Metabolism, Penn State Hershey, College of Medicine, Bethesda, MD	March 2014
Invited Debater: There are more benefits than risks associated with HRT in postmenopausal women (Against the Motion)	The European Calcified Tissue Society Annual Congress 2014, Prague, Czech Republic	May 2014
Invited Speaker: Epidemiology of ageing, fracture and falls. Geographic and ethnic disparities in osteoporotic fractures	The European Calcified Tissue Society Annual Congress 2014, Prague, Czech Republic	May 2014
Invited Speaker: Osteoporosis: The Silent Thief	Alzheimer's Association, Greater Pennsylvania Chapter, Mars, PA	May 2014
Invited Speaker: Geographical ethnic disparities in osteoporotic fractures: An update on novel risk factors.	Merck Sharp & Dohme Corp, Toyko, Japan	June 2014
Invited Speaker: Calcium supplementation and cardiovascular disease.	National University Singapore, Singapore, Singapore	August 2014
Invited Speaker: Menopause, Breast and Bone Health	13 <sup>th</sup> Annual AACR International Conference on Frontiers in Cancer Prevention Research, New Orleans, Louisiana	Sept 2014
Invited Speaker: Metabolic Bone Disease Update	Bone Day 2014 CME conference. The Ohio State University, Columbus, OH	Nov 2014
Invited Speaker: Screening and assessment of risk of osteoporosis.	Oral Health Sciences Seminar, University of Michigan School of Dentistry, Detroit, MI	Nov 2014
Invited Speaker: Personality traits and risk factors, falls, CVD and mortality in older women.	National University Singapore, Singapore, Singapore	Aug 2015
Invited Keynote Speaker: Excessive bone loss in older men: Effects on trabecular and cortical bone microarchitecture.	Core Center for Musculoskeletal Biology and Medicine Retreat, University of California, San Francisco, San Francisco, CA	Oct 2015
Invited Speaker: Risk factors for hip fractures in older men (MrOS)	Biology of Aging Scientific Conference, Singapore	Oct 2015
Invited Speaker: Skeletal consequences of menopause.	International 3rd Congress on Steroid Research, Chicago, IL	Nov 2015

**CONSULTANTSHIPS**

Company	Type of Consultantship	Years
Eli Lilly & Company	Scientific Advisory Board, Consultant	1997-2008
Organon, Inc.	Scientific Advisory Board	1999-2000
Smith, Kline, Beecham	Scientific Advisory Board	1997
Novartis Pharmaceuticals	HORIZON Steering Committee	2002-13
Merck	Scientific Advisory Board	2011- 2015

**VOLUNTEER ACTIVITIES**

East End Cooperative Ministry	2014
24th JDRF Promise Gala	2016