SSBH 2021 Curriculum Vitae	
Name	**Peggy M. Cawthon, PhD**
Organization	**California Pacific Medical Center Research Institute**
Position & Title	**Senior Scientistist**
Educational background & Professional experience	
2001 – 2004	University of California, Berkeley, Ph.D., Epidemiology (Advisor: William Satariano)
1997 – 1999	University of California, Berkeley, M.P.H, Infectious Disease Epidemiology
1992 – 1996	University of California, Berkeley, B.S., Bioresource Sciences

Research Interests

Dr. Cawthon is currently Senior Scientist at California Pacific Medical Center Research Institute and Associate Adjunct Professor at UCSF. Dr. Cawthon's current research interests include maintenance of mobility in old age; sarcopenia (age-related muscle loss); frailty; the decline of physical function with age; and osteoporosis, particularly in older men. She has led the recent Sarcopenia Definitions and Outcomes Consortium effort to develop an updated, evidenced based definition of sarcopenia. She has also led the first large scale study of the D3Cr-dilution based assessment of muscle mass, a project that established that strong associations exist between low D3Cr muscle mass and weakness, poor physical performance, fractures, mortality and disability in older men.

Publications

1. **Cawthon PM**, Manini T, Patel SM, Newman A, Travison T, Kiel DP, Santanasto AJ, Ensrud KE, Xue QL, Shardell M, Duchowny K, Erlandson KM, Pencina KM, Fielding RA, Magaziner J, Kwok T, Karlsson M, Ohlsson C, Mellström D, Hirani V, Ribom E, Correa-de-Araujo R, Bhasin S. Putative Cut-Points in Sarcopenia Components and Incident Adverse Health Outcomes: An SDOC Analysis. J Am Geriatr Soc. 2020 Jul;68(7):1429-1437. doi: 10.1111/jgs.16517. Epub 2020 Jul 7. PMCID: PMC7508260
2. **Cawthon PM**, Blackwell T, Cummings SR, Orwoll ES, Duchowny KA, Kado DM, Stone KL, Ensrud KE, Cauley JA, Evans WJ; Osteoporotic Fractures in Men (MrOS) Study Research Group. Muscle mass assessed by D3-Creatine dilution method and incident self-reported disability and mortality in a prospective observational study of community dwelling older men. *J Gerontol A Biol Sci Med Sci.* In press. PMCID: PMC7756711

3. Duchowny KA, Peters KE, Cummings SR, Orwoll ES, Hoffman AR, Ensrud KE, Cauley JA, Evans WJ, **Cawthon PM**. Association of change in muscle mass assessed by D_3-creatine dilution with changes in grip strength and walking speed. *Journal of Cachexia, Sarcopenia and Muscle*. 2019 Oct 17. DOI: 10.1002/jcsm.12494.
4. Evans WJ, Hellerstein M, Orwoll E, Cummings S, **Cawthon PM.** D_3-Creatine dilution and the importance of accuracy in the assessment of skeletal muscle mass. J Cachexia Sarcopenia Muscle. 2019 Feb;10(1):14-21. PMCID: PMC6438329.
5. **Cawthon PM**, Orwoll ES, Peters KE, Ensrud KE, Cauley JA, Kado DM, Stefanick ML, Shikany JM, Strotmeyer ES, Glynn NW, Caserotti P, Shankaran M, Hellerstein M, Cummings SR, Evans WJ. Strong relation between muscle mass determined by D3-creatine dilution, physical performance and incidence of falls and mobility limitations in a prospective cohort of older men. J Gerontol A Biol Sci Med Sci. 2019 May 16;74(6):844-852. PMC6521914
6. **Cawthon PM,** Fullman RL, Marshall L, Mackey DC, Fink HA, Cauley JA, Cummings SR, Orwoll ES, and Ensrud KE. Physical performance and risk of hip fractures in older men. J Bone Miner Res 23: 1037-1044, 2008. PMC2679379.
7. **Cawthon PM,** Fox KM, Gandra SR, Delmonico MJ, Chiou CF, Anthony MS, Sewall A, Goodpaster B, Satterfield S, Cummings SR, Harris TB; Health, Aging and Body Composition Study. Do muscle mass, muscle density, strength, and physical function similarly influence risk of hospitalization in older adults? J Am Geriatr Soc. 2009 Aug;57(8):1411-9. PMC3269169