SH Ho Centre for Gerontology & Geriatrics

Faculty of Medicine
The Chinese University of Hong Kong

Annual Report for 2017 - 2018







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S H Ho Fellowship

The centre has partly supported Dr Jacqueline Yuen as Clinical Lecturer from 2017-2018 in the Department of Medicine & Therapeutics, CUHK for teaching in Geriatric Medicine.

Conference

- The 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, 23-27 July 2017

Prof Jean Woo was one of the keynote speakers of this international conference. With approximately 2,500 different organizations represented from more than 75 countries, this conference reminds us that there is nothing more powerful than when our community comes together in an open dialogue to reflect on the progress and further initiatives to advance healthy aging.





- 3rd Asian Conference for Frailty and Sarcopenia, Korea (27-28 October 2017)

Prof Jean Woo was one of the invited speakers of the conference. The conference was hosted by Korean Geriatrics Society (KGS) and around 300 experts from Asia and beyond attended.



- CUHK Jockey Club Institute of Ageing Conference on 'Promoting Intrinsic Capacity in Ageing' (4 December 2017)

The conference aimed of enabling experience sharing and discussion on various aspects of 'Promoting Intrinsic Capacity in Ageing'. The conference was well attended by over 300 prominent scholars from around the world as well as representatives from renowned non-profit organizations.





Golden Age Expo & Summit 2018 (26 - 28 January 2018)
 cum ACAP Conference on Active Ageing in Hong Kong (26 January, 2018)

"We Engage. We Create. We Share", theme of "Golden Age Expo & Summit 2018". Loads of quality products, technologies and services showcased as to empower the Golden Agers (people at 45 and over) to have a purposeful, healthy and quality life. There are a variety of exhibits: technology, smart home products, health supplements, walking aids, home care products, rehab aids, courses offered, financial planning, life-style products, end-of-life services and social services.

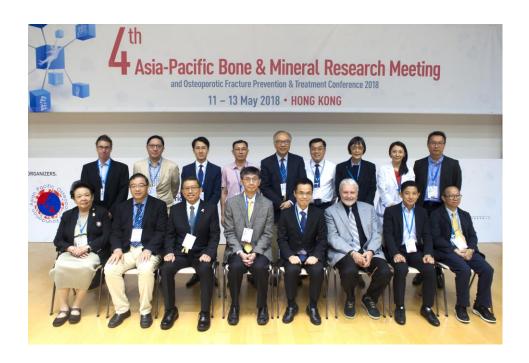
Over 80 renowned speakers from Hong Kong and overseas in more than 20 sessions in the summit. There are both in-depths and innovative talks and discussions on medical, technology, housing, homecare and finance. Celebrities shared their own experiences with the audience, along with health tests, interactive activities and performances.

Prof Jean Woo, one of the speakers in the symposium – Age Friendly City and Community Care.



The 4th Asia-Pacific Bone and Mineral Research Meeting, Hong Kong (11-13 May 2018)

The conference focus on Osteoporotic Fracture Prevention & Treatment. Prof Jean Woo has chaired one of the symposium – Community Fall Prevention.





Activities

- Public event on End-of-Life Care education (12 August 2017)

Dr. Jacqueline Yuen (Clinical Lecturer of Department of Medicine and Therapeutics in CUHK) gave a talk to 220 participants on knowledge of End of Life Care and communication skills with healthcare professionals. Over 200 participants joined the five interactive workshops (Micro Movie and Talk on Advance Care Planning, EOL care planning handbook making, and Horticulture with Life and Death education).





- Public Forum - Age-friendly Community Support and Health Services (10 November 2017)

Over 500 participants from government, academia, professional bodies, elderly groups, social and medical sectors and the general public took part in the public forum and visited the exhibition booths set up along with the forum.

At the forum, Professor Jean Woo shared the findings on community support and health services according to the baseline assessment studies conducted in eight pilot districts.





Publications

Prof Jean Woo

- 1. Woo J. Sarcopenia. Clin Geriatr Med 2017; 33: 305-314.
- 2. Threapleton DE, Chung RY, Wong SYS, Wong E, Chau P, Woo J, Chung VCH, Yeoh EK. Integrated care for older populations and its implementation facilitators and barriers: A rapid scoping review. International Journal for Quality in Health Care 2017; 29(3): 327-334.
- 3. Sun Y, Chau PH, Wong M, Woo J. Place- and age-responsive disaster risk reduction for Hong Kong: collaborative place audit and social vulnerability index for elders. International Journal of Disaster Risk Science 2017; 8(2):121-133.
- 4. Chan AS, Cheung WK, Yeung MK, Woo J, Kwok T, Shum DHK, Yu R, Cheung MC. A Chinese Chan-based mind-body intervention improves memory of older adults. Frontiers in Aging Neuroscience 2017; 9:190, doi:10.3389/fnagi.2017.00190.
- 5. Wallace CL, Swagerty D, Barbagallo M, Vellas B, Cha HB, Holmerova I, Dong B, Koopmans R, Cruz-Jentoft AJ, Gutierrez Robledo LM, Moreno JC, Hajjar R, Woo J, Arai H, Okochi J, Visvanathan R, Abdul-Rahman SA, Goel A, Moser A, Rolland Y, Abbatecola AM, Russo M, Morley JE. IAGG/IAGG GARN International survey of end-of-life care in nursing homes. Journal of the American Medical Directors Association 2017; 18(6): 465-469.
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- Wong A, Chau AKC, Fang Y, Woo J. Illuminating the psychological experience of elderly loneliness from a societal perspective: a qualitative study of alienation between older people and society. International Journal of Environmental Research and Public Health 2017; 14(7): doi: 10.3390/ijerph14070824.
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- 9. Morley JE, Abbatecola AM, Woo J. Management of comorbidities in older persons with type 2 diabetes. Journal of the American Medical Directors Association 2017; 18(8): 639-645.
- 10. Wang D, Lau KKL, Yu R, Wong SYS, Kwok TTY, Woo J. Neighbouring green space and mortality in community-dwelling elderly Hong Kong Chinese: a cohort study. BMJ Open 2017; 7:e015794. doi: 10.1136/bmjopen-2016-015794.
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- 12. Threapleton DE, Chung RY, Wong SYS, Wong ELY, Kiang N, Chau PYK, Woo J, Chung VCH, Yeoh EK. Care toward the end of life in older populations and its implementation facilitators and barriers: a scoping review. Journal of the American Medical Directors Association 2017; 18(12): 1000-1009.e4.
- 13. Ho HC, Lau KKL, Yu R, Wang D, Woo J, Kwok TCY, Ng E. Spatial variability of geriatric depression risk in a high-density city: a data-driven socio-environmental vulnerability mapping approach. International Journal of Environmental Research and Public Health 2017; 14(9): 994, doi:10.3390/ijerph14090994.
- 14. Yu R, Wu WC, Leung J, Hu SC, Woo J. Frailty and its contributory factors in older adults: a comparison of two Asian regions (Hong Kong and Taiwan). International Journal of Environmental Research and Public Health 2017; 14(10): 1096, doi:10.3390/ijerph14101096.
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- 18. Woo J, Yu R, Leung J. A 3-Item SARC-F. Journal of the American Medical Directors Association 2018; 19(3): 223-228.

- 19. Cruz-Oliver DM, Little MO, Woo J, Morley JE. End-of-life care in low- and middle-income countries. Bull World Health Organ 2017; 95: 731.
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- 21. Woo J, Yu R, Leung J, Wong M, Lau K, Ho HC, Yip HM, Kwok J, Lai DWL, Tsien T, Au A. Urban characteristics influencing health of older people: what matters. International Journal of Innovative Research in Medical Science 2017; 2(12): 1561-1568.
- 22. Woo J. How can we achieve healthy aging? International Journal of Environmental Research and Public Health 2017; 14(12): 1583; doi:10.3390/ijerph14121583.
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- 28. Chau PH, Moe G, Lee SY, Woo J, Leung AYM, Chow CM, Kong C, Lo WT, Yuen MH, Zerwic J. Low level of knowledge of heart attack symptoms and inappropriate anticipated treatment-seeking behavior among older Chinese: a cross-sectional survey. J Epidemiol Community Health 2018; 72(7):645-652.

- 29. AuYeung TW, Leung J, Yu R, Lee JSW, Kwok T, Woo J. Decline and peripheral redistribution of fat mass in old age a four-year prospective study in 3018 older community-living adults. The Journal of Nutrition, Health & Aging 2018; doi: 10.1007/s12603-018-1026-4.
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- 38. Woo J, Yu R, Leung J. Predictive ability of individual items of the Cardiovascular Health Study (CHS) scale compared with the summative score. JAMDA 2018; 19(5): 444-449.
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- 40. Wang EW, Siu PM, Pang MY, Woo J, Collins AR, Benzie IFF. Vitamin D deficiency, oxidative stress and antioxidant status: only weak association seen in the absence of advanced age, obesity or pre-existing disease. British Journal of Nutrition 2017; 118(1): 11-16.
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- 55. Yu R, Wu W, Leung J, Hu SC, Woo J. Prevalence of frailty in Chinese older people: a cross-cultural study. Innovation in Aging 2017; 1(S1): 385.
- 56. Auyeung T, Lee J, Leung J, Tang N, Yu R, Kwok T, Woo J. Paradoxical adverse association between high vitamin D level and muscle strength. Innovation in Aging 2017; 1(S1): 429-430.
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- 61. Siu PM, Yu AP, Yu DS, Hui SS, Woo J. Effectiveness of Tai Chi training to alleviate metabolic syndrome in abdominal obese older adults: a randomised controlled trial. The Lancet 2017; 390(S4): S11.

Prof Timothy Kwok

- 1. Wallace Chi Ho Chan, Bel Wong, Timothy Kwok, and Florence Ho. Assessing Grief of Family Caregivers of People with Dementia: Validation of the Chinese Version of the Marwit-Meuser Caregiver Grief Inventory. Health Soc Work. 2017;42(3):151-158.
- 2. Ho HC, Lau KKL, Yu R, Wang D, Woo J, Kwok TCY, Ng E. Spatial Variability of Geriatric Depression Risk in a High-Density City: A Data-Driven Socio-Environmental Vulnerability Mapping Approach. Int J Environ Res Public Health. 2017;14(9).
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- 5. Daniel Kim-wan Young, Petrus Yat-nam Ng, Timothy Kwok. Predictors of the health-related quality of life of Chinese people with major neurocognitive disorders and their caregivers: The roles of self-esteem and caregiver's burden. Geriatr Gerontol Int. 2017;17(12):2319-2328.
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- 12. Freddy MH Lam, Philip FL Chan, LR Liao, Jean Woo, Elsie Hui, Charles WK Lai, Timothy CY Kwok, Marco YC Pang. Effects of whole-body vibration on balance and mobility in institutionalized older adults: a randomized controlled trial. Clin Rehabil. 2018;32(4):462-472.
- 13. Wong A, Black SE, Yiu SYP, Au LWC, Lau AYL, Soo YOY, Chan AYY, Leung TWH, Wong LKS, Kwok TCY, Cheung TCK, Leung KT, Lam BYK, Kwan JSK, Mok VCT. Converting MMSE to MoCA and MoCA 5-minute protocol in an educationally heterogeneous sample with stroke or transient ischemic attack. Int J Geriatr Psychiatry 2018;33(5):729-734.
- 14. Wang Jun-Qing, Kaplar Zoltan, Deng Min, Griffith James F, Leung Jason C.S, Kwok Anthony W.L., Kwok Timothy, Leung Ping Chung, Wang Yi Xiang J. Thoracolumbar Intervertebral Disc Area Morphometry in Elderly Chinese Men and Women: Radiographic Quantifications at Baseline and Changes at Year-4 Follow-up. Spine (Phila Pa 1976). 2018;43(10):E607-E614.
- 15. Daniel Kim-wan Young, Petrus Yat-nam Ng, Timothy Kwok, Florence Ho, Daphne Cheng, Vivan Mak, Andrew Lau. The effects of an expanded cognitive stimulation therapy model on the improvement of cognitive ability of elderly with mild stage Dementia living in a community a randomized waitlist controlled trial. Aging Ment Health. 2018:1-8.

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Prof Ruby Yu

- 1. Wong D, Lau K, **Yu R**, Wong S, Kwok T, Woo J. BMJ open Neighboring Green Space and Mortality in community-dwelling elderly Hong Kong Chinese: A Cohort Study. BMJ Open 2017;7(7):e015794.
- 2. Ho SC, Liang ZZ, **Yu RH**, Sham A. Association of life events and depressive symptoms among early postmenopausal Chinese women in Hong Kong. Menopause The Journal of The North American Menopause Society 2017;24(2):180-186. doi: 10.1097/GME.000000000000734
- 3. Chung GKK, Yu RHY, Ho SSY, Woo J, Ho SC. Associations of consuming specific fruit and vegetable subgroups with LDL-C status in early postmenopausal Chinese women. Menopause 2018; 25(4): 436-443.
- 4. Yu R, Ong S, Cheung O, Leung J, Woo J. Reference values of grip strength, prevalence of low grip strength, and factors affecting grip strength values in Chinese adults. JAMDA 2017; 18: 551.e9-551.e16.

Invited conference speaker

Prof Jean Woo

- 1. Woo J. Biopsychosocial and cultural factors influencing diet and nutrition: impact on agerelated diseases. The 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, 23-27 July 2017. Keynote speaker.
- 2. Woo J. Ageing in Hong Kong. Hong Kong International Dental Expo and Symposium 2017, Hong Kong, 4-6 August 2017. Invited speaker.
- 3. Woo J. Sarcopenia obesity re-visited: insights from the Mr. and Ms. Os cohort. 3rd Asian Conference for Frailty and Sarcopenia, Korea, 27-28 October 2017. Keynote speaker.
- 4. Woo J. Mr. Os and Ms. Os study. 3rd Asian Conference for Frailty and Sarcopenia, Korea, 27-28 October 2017. Invited speaker.
- 5. Woo J. How to study frailty and sarcopenia in community. 3rd Asian Conference for Frailty and Sarcopenia, Korea, 27-28 October 2017. Invited speaker.
- 6. Woo J. Validating SARC-F. 10th International Conference on Cachexia, Sarcopenia & Muscle Wasting, Rome, Italy, 8-10 December 2017. Invited speaker.
- 7. Woo J. Jockey Club Age-friendly City Project. ACAP Conference on Active Ageing, Hong Kong, 26 January 2018. Invited speaker.

Other conference presentations

Prof Jean Woo

- 1. Woo J, Chan R, Leung J, Shikany J. Dietary patterns and atherosclerosis in community-dwelling older men in Hong Kong and the U.S.. The 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, 23-27 July 2017. Poster presentation.
- 2. Auyeung T, Lee J, Leung J, Tang N, Yu R, Kwok T, Woo J. Paradoxical adverse association between high vitamin D level and muscle strength. The 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, 23-27 July 2017. Poster presentation.
- 3. Wang D, Lau K, Yu R, Wong S, Kwok T, Woo J. Neighboring green space and transitions between frailty states among Chinese elderly in Hong Kong. The 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, 23-27 July 2017. Poster presentation.
- 4. Chau A, Fang Y, Wong A, Yu R, Woo J. Social connections mediate the association between frailty and meaning in life for older people. The 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, 23-27 July 2017. Poster presentation.
- 5. Ho SC, Woo J, Sham A. Change of functional status and quality of life in community living Chinese elderly with fractures. The 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, 23-27 July 2017. Paper presentation.
- 6. Chan H, Lee D, Yi H, Woo J. How to improve our palliative care services? Voices of different stakeholders. 12th Asia Pacific Hospice Conference 2017, Singapore, 26-29 July 2017. Poster presentation.
- 7. Yang PX, Lupón J, Vidán MT, Ferguson C, Gastelurrutia P, Newton PJ, Bueno H, Bayés-Genís A, Woo J, Fung E. Risks of mortality and hospitalisation in patients with frailty and chronic heart failure: a systematic review and meta-analysis. European Society of Cardiology Congress, Barcelona, Spain, 26-30 August 2017. Poster presentation.
- 8. Moliner P, Gastelurrutia P, Lupon J, Yang X, De Antonio M, Domingo M, Altimir S, Gonzalez B, Rodriguez M, Rivas C, Fung E, Zamora E, Santesmases J, Woo J, Bayes-Genis A. Frailty, co-morbidities and survival in heart failure patients with mid-range ejection fraction. European Society of Cardiology Congress, Barcelona, Spain, 26-30 August 2017. Poster presentation.
- 9. Fang Y, Chau AKC, Wong A, Fung HH, Woo J. Information and communicative technology use enhances psychological well-being of older adults: the when and the how. 8th Association of Pacific Rim Universities Population Ageing Conference, Ageing and Resilience in the 21st Century, Singapore, 11-13 October 2017.

- 10. Siu P, Yu A, Yu D, Hui S, and Woo J. Effects of Tai Chi exercise on cardiometabolic health and muscle content. 3rd Asian Conference for Frailty and Sarcopenia, Korea, 27-28 October 2017.
- 11. Zhu LY, Chan R, Leung J, Kwok T, Woo J. Profile of Serum amino acids among community dwelling older adults from Hong Kong MrOs and MsOs cohort study: Special reference to sarcopenia. 10th International Conference on Cachexia, Sarcopenia & Muscle Wasting, Rome, Italy, 8-10 December 2017. Poster presentation.
- 12. Siu PM, Yu AP, Yu DS, Hui SS, Woo J. Effectiveness of Tai Chi training to alleviate metabolic syndrome in abdominal obese older adults: a randomised controlled trial. The Lancet-Chinese Academy of Medical Sciences Health Summit, Beijing, China, 11 December 2017. Oral presentation.
- 13. Lam SSL, Ng SSM, Lai CWK, Woo J. Effectiveness of bilateral movement-based computer training program to improve the motor function of upper limb in sub-acute stroke patients a randomized controlled trial. Hospital Authority Convention 2018, Hong Kong, 7-8 May 2018. Speed presentation and poster display.
- 14. Chau AKC, Wong A, Fang Y, Woo J. Demographic, health, social and environmental correlates of loneliness in Hong Kong older adults. U.S.-Hong Kong 2018 Conference "Aging across Time and Contexts", Hong Kong, 19-20 May 2018. Oral presentation.
- 15. Woo J. Perspective from country with ageing population China. Worldwide Universities Network Expert Technical Meeting on Promoting Adaptability across the Life course, Perth, Australia, 21-22 May 2018. Oral presentation.
- 16. Leung AWY, Chan RSM, Sea MMM, Woo J. How did completers of lifestyle modification program perceive their adherence before and after program? Findings from a qualitative study. International Society of Behavioral Nutrition and Physical Activity 2018 Annual Meeting, Hong Kong, 3-6 June 2018. Poster presentation.
- 17. Woo J. Application of technology in meeting unmet needs of older people living in the community. Innovation in Medicine 2018, London, United Kingdom, 25-26 June 2018. E-poster Presentation.

Prof Ruby Yu

- 1. Yu R. Healthy aging: Interactions between personal and environmental factors. The WUN workshop "Promoting adaptability across the life course"21-22 May 2018. Perth, Western Australia
- 2. Yu R. Older people are living longer than before, but are they living healthier? Conference on "Promoting intrinsic capacity in ageing" 4 Dec, 2017. Shatin, Hong Kong
- 3. Yu R, Osbert Cheung, Jean Woo. Neighborhood cohesion, health behaviors and well-being in older Chinese people. The 50th AAG Conference 'Ageing: The Golden Opportunity' 8-10 November 2017 (CROWN PERTH, WESTERN AUSTRALIA)
- 4. Yu R, Woo J, Lum T, Lou V, Ma C, Kwan M, Au A, Lai D. Building Hong Kong into an age-friendly city: Results from a baseline assessment. Innovation in Aging, 2017, Vol. 1, No. S1: 1086. The 21st IAGG World Congress of Gerontology & Geriatrics "Global Aging and Health: Bridging Science, Policy, and Practice", Jul 23-27, 2017, San Francisco, California, USA

Interaction with media

- Nippon Television Network Corporation interviewed Prof Jean Woo for producing a Japanese TV programme on "Walking Through Modern History". Topic: "Why Hong Kong has the longest life expectancy" on 14 May 2018.
- Topic: "Impact of high-density built environments on depression in older people" at Sanity and Urbanity Blog on 10 November 2017.

 https://www.urbandesignmentalhealth.com/blog/impact-of-high-density-built-environments-on-depression-in-older-people

Press conference

 Jockey Club Age-friendly City Project - Press Conference on "Elderly Employment" (11/7/2017)

The press conference on "Elderly Employment" of the Jockey Club Age-friendly City Project was held on 11 July 2017 at Yasumoto International Academic Park, The Chinese University of Hong Kong.

