

The Hong Kong Polytechnic University Centre for Gerontological Nursing

NEWSLETTER

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CURRENT ISSUES

Members supported Bangladesh in combating COVID-19

To support Bangladesh in combating COVID-19, Ms Phyllis Pang, Dr Patrick Kor and Mr Oscar Chung shared the experience of Hong Kong in infection control practice, quarantine arrangement, and preventive measures in the online meeting on 7 May. A network was established for knowledge and experience exchange for combating COVID-19, in which Dr Zarina Nahar Kabir (Associate Professor of Public Health, Division of Nursing, Department of Neurobiology, Care Sciences and Society, Karolinska Institute), Dr Uzzal Kumar Roy (General Manager, SAJIDA Foundation, Bangladesh), Dr Shangjucta Das Pooja (Senior Coordinator, Quality Control-Disaster Response Unit, SAJIDA Foundation, Bangladesh), CGN members are involved.

Fighting the 'COVID-19' –Information & Support Portal for Residential Care Homes

Nursing homes are regarded as the 'hotspots' for infection, due to crowded environment, low numbers of qualified staff, poor hygiene, and lack of medical support. Moreover, residents in the nursing homes are frail and they are at high risk of being infected.

The Centre for Gerontological Nursing (CGN) held a series of webinars in Aug – Sep 2020, providing information and supports to the staff in residential care homes, with the aim of highlighting the gist in infection control practice and the ways to enhance self-care ability in the COVID-19 pandemic. Staff were invited to join these free-of-charge webinars. Each webinar was designed as a 30-minute talk, from 2pm to 2:30pm, so that staff can join this training in the midst of their busy work in the residential care homes. The webinars are recorded and these are now made available in the CGN website: <https://sn.polyu.edu.hk/cgn/> with the hyperlinks showing the infection control guidelines issued from WHO and HK government, relevant videos and posters. A total of 300 registration with more than 700 attendance were recorded in these webinars.

Dr Simon Lam was interviewed by the media on examination of particle filtration efficiency of a number of face masks by the use of self-established system on optical aerosol counters. The news attracted 346K views, 490 comments and 1,216 shares (dated on 31 March) in social media platforms. Click [here](#) to see the interview.



RESEARCH AND SCHOLARLY ACTIVITIES

PUBLICATIONS

Chan, W., **Leung, A. Y. M.*** (2020). Facebook as a novel tool for continuous professional education on dementia: A pilot randomised controlled trial. *Journal of Medical Internet Research (JMIR)*,22(6); e16772. doi: 10.2196/16772 (Impact Factor: 4.945)

Chau, P. H., Yip, P., Lau, E., Ip, Y. T., Law, Y. W., Ho, R. T. H., **Leung, A. Y. M.**, Wong, J. Y. H., Woo, J. (2020). Hot weather and suicide deaths among older adults in Hong Kong, 1976-2014: A retrospective study. *International Journal of Environmental Research and Public Health (IJERPH)*, 17(10): 3449. doi: 10.3390/ijerph17103449 (Impact Factor: 2.468)

Chiu, H-T., Tsai, H-W., Kuo, K. N., **Leung, A. Y. M.**, Chang Y-M., Lee, P-H, Hou, W-H. (2020). Exploring the influencing factors of health literacy among older adults: A cross-sectional survey. *Medicina*, 56(7), 330. <https://doi.org/10.3390/medicina56070330>. (Impact Factor: 1.205)

Ho, L. Y. W., & Ng, S. S. M. (2020). Non-pharmacological interventions for fatigue in older adults: A systematic review and meta-analysis. *Age and Ageing*, 49(3), 341-351. doi: 10.1093/ageing/afaa019

Ho, L. Y. W., Chin, K. C. W., Fung, C. Y. Y., & **Lai, C. K. Y.** (2020). Validation of the Chinese Non-pharmacological Therapy Experience Scale in persons with intellectual disability. *Nursing Open*, 7(1), 390-397. doi: 10.1002/nop2.398

Leung, A. Y. M., Yu, E. Y. T., Luk, J. K. H., Chau, P. H., Levin-Zamir, D., Leung, I. S. H., Cheung, K. T., Chi, I. (2020). Risk Estimate of Inadequate Health Literacy (REIHL): Development and validation of a practitioner-friendly health literacy screening tool for older adults. *Hong Kong Medical Journal*, 26. <https://doi.org/10.12809/hkmj208395> (Impact Factor: 1.588)

Leung, A. Y. M., Molassiotis, A., Zhang, J., Deng, R., Liu, M., Van, I. K., Leung, I. S. H., Loke Yuen, A. (2020). Dementia literacy in the Greater Bay Area of China: Challenges and opportunities. *International Journal of Environmental Research and Public Health (IJERPH)*. *Special Issue: Health literacy and Equity*, 17(7), 2511. <https://doi.org/10.3390/ijerph17072511> (Impact Factor: 2.468)

Leung, A. Y. M., Sun, Q., Kwan, R. Y. C., Lam, S. C., Deng, R. (2020). Moderating Effect of Age on the Relationships between Pre-frailty and Body Measures. *Health & Social Care in the Community*. <https://doi.org/10.1111/hsc.13114>. (Impact Factor: 2.050)

McGilton, K.S., Escrig-Pinol, A., Gordon, A., Chu, C., Zúñiga, F., Gea Sanchez, M., Boscart, V., Meyer, J., Corazzini, K., Ferrari Jacinto, A., Spilsbury, K., Backman, A., Scales, K., Fagertun, A., Wu, B., Edvardsson, D., Lepore, M., **Leung, A.Y.M.**, Siegel, E., Noguchi-Watanabe, M., Wang, J., Bowers, B. (2020). Uncovering the Devaluation of Nursing Home Staff During COVID-19: Are We Fuelling the Next Health Care Crisis? *Journal of the American Medical Directors Association (JAMDA)*, 21(7), 962–965. <https://doi.org/10.1016/j.jamda.2020.06.010> (Impact Factor: 5.325)

Parial, L. L., Lam, S., Ho, J., Suen, L., **Leung, A. Y. M.*** (2020). Public knowledge of the influence of modifiable cardiovascular risk factors on dementia: a systematic literature review and meta-analysis. *Aging and Mental Health*. DOI:10.1080/13607863.2020.1786801 (Impact Factor: 2.956)

PUBLICATIONS

Xie, Y.J., **Cheung, D. S. K.**, Yuen Loke, A., Lam Nogueira, B. O. C., Liu, M., **Leung, A. Y. M.**, Tsang, A. S. M., Leong, C. S. U., Molassiotis, A. (2020). Relationships between television viewing, computer and mobile phone usage and sleep quality in a Chinese population: A community-based cross-sectional study. *Journal of Medical Internet Research (JMIR)*, doi:10.2196/18095. <https://preprints.jmir.org/preprint/18095> (Impact factor: 4.945)

Xu, X. Y., Fong, D. Y. T., Smith, R., Wong, J. Y. H., **Leung, A.Y. M.**, Chau, P. H. (2020). The relative risk of developing type 2 diabetes among individuals with prediabetes compared to individuals with normoglycaemia: Meta-analysis and meta-regression. *Journal of Advanced Nursing*. <https://doi.org/10.1111/jan.14557> (Impact Factor: 2.561)

Wang, S.S., Cheung, D., Leung, A.Y.M., Davidson, P. M. (2020). Factors associated with caregiving appraisal of informal caregivers: A systematic review. *Journal of Clinical Nursing*, 29(17-18): 3201-3221. DOI: 10.1111/jocn.15394 (Impact Factor: 1.972)

Wang, S. S., Bressington, D. T., **Leung, A. Y. M.**, Davidson, P. M., **Cheung, D. S. K.** (2020). The effects of bibliotherapy on the mental well-being of informal caregivers of people with neurocognitive disorder: A systematic review and meta-analysis. *International Journal of Nursing Studies (IJNS)*, 109, 103643. doi: <https://doi.org/10.1016/j.ijnurstu.2020.103643> (Impact Factor: 3.57).

Tang, S.K., Tse, M.M.Y., Leung, S.F., & Fotis, T. (2020). The effectiveness of an electronic pain management programme for the working population with chronic pain: Study protocol for a randomized controlled trial. *Trials*, 21:421. doi: 10.1186/s13063-020-04348-5

Xu, X. Y., Kwan, R. Y. C., Leung, A. Y. M.* (2020). Behavioural activation for dementia family caregivers: a systematic review and meta-analysis. *Geriatric Nursing*. DOI: [10.1016/j.gerinurse.2020.02.003](https://doi.org/10.1016/j.gerinurse.2020.02.003) (Impact factor: 1.517)

林清、黃韻芝、孫桂萍 (2020) 。〈新型冠狀病毒肺炎疫情中一次性醫用口複使用及消毒方法的可行性探討〉。《護理管理雜誌》，20卷，優先網絡版。

EDUCATIONAL / TEACHING & LEARNING ACTIVITIES

New MOOC course on frailty in daily living

Dr Rick Kwan, Dr Justina Liu, Dr Daphne Cheung, Dr Patrick Kor and Dr Angela Leung have delivered a new massive open online course (MOOC) “Frailty In Daily Living” since January 2020. It was the first MOOC course led by SN staff members and the third MOOC project in which SN staff members were involved. This 4-week free online course was offered by the HKPolyUx and delivered via the edX* platform. It aimed to enhance the understanding of local and global audiences on frailty and promote frailty management. The instructors from our School introduced the theories, risk and protective factors, assessment methods, and interventions of frailty, as well as association between frailty, cognitive functions and nutrition. The course was open to global audiences and over 680 learners enrolled.



Dr Rick Kwan, one of the instructors, said that mini-lectures, demonstrative videos and tests were specially designed to facilitate learning. “We hope that our learners will apply the skills they learnt for assessing and managing frailty or helping older adults manage their daily living”. Another instructor, Dr Justina Liu envisaged this course can equip learners with the knowledge about frailty and the ability to differentiate between sarcopenia and frailty, “These are big steps forward for frailty prevention and management”.

Ms Phyllis Pang and three student leaders from the “Student Leadership Development Programme” worked together to develop posters and booklets about COVID-19 (left photo) for health promotion services in developing communities. The poster and booklets are printed in Chinese, English and Indonesian.



Our People

Congratulation to **Dr Patrick Kor** promoted to Assistant Professor.

And BIG applause goes to **Dr Lily Ho** who finished her DHSc study in August and has recently been promoted to Clinical Associate.

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