

COVER STORY

## New AI system provides a convenient way to detect dementia risk

**Prof. Thomas Choi**, Professor, (Principle Investigator) and his team<sup>\*</sup> announced to the public the development of an artificial intelligence (AI) system that automates the assessment of the risk of dementia with an average precision of up to 88% at a press conference held in May. Prof. Choi and Dr Xiao Shen (Postdoctoral Fellow, left the School in 2021), a key developer of the AI algorithm, have applied a patent for the system in the United States.

Currently about 35% of dementia cases are attributed to risk factors, such as hypertension, obesity, depression, and smoking. Dementia risk is also associated with many non-cognitive conditions, such as cardiovascular conditions, nutrition, mobility, and depression. Early detection of people with high risk of dementia enables early modification of lifestyle, timely diagnosis and intervention.

Health care professionals around the globe commonly use the Mini-Mental State Examination (MMSE), a cognitive screening tool to identify people with cognitive impairment, however, it has some limitations. Using the MMSE at the asymptomatic stage of dementia or repeated use of the questionnaire may lead to a “practice effect” that degrades its effectiveness.

Supported by HK\$ 3.2 million from the Innovation and Technology Fund, Innovation and Technology Commission (ITC) of the HK Government, the research team has developed an AI assessment system that uses health data of older adults, which are routinely and vastly obtained from elderly care facilities or community centers to detect dementia risk.

From 2008 to 2018, the team collected basic profile and health data (including age, gender, blood pressure, teeth condition and nutritional assessment) from over 2,000 older adults, who were aged 77 on average for the AI assessment. The average precision of AI screening of dementia reached 88%. This reliable tool makes early detection of cognitive impairment and prediction of high-risk dementia cases at the asymptomatic stage possible. It also facilitates follow-up or a detailed diagnosis by healthcare professionals.

**Dr Rick Kwan**, said, ‘We used the existing data for predicting the risk of dementia, which was probably a new approach. After seeking their clients’ consent, staff of the participating community centres for older adults can upload the health data of their clients (the research participants) to the system to get the assessment results.’

According to Prof. Choi, the research team is planning to apply the Public Sector Trial Scheme under the ITC and use the funding for developing the AI system for implementing in local elderly service centres as well as conducting more trials to further test its effectiveness.



▲ Prof. Thomas Choi (left) and Dr Rick Kwan provides a new and convenient way for detecting dementia risk of our older adults.

<sup>\*</sup> Team members: Dr Rick Kwan, PolyU’s School of Nursing; Dr Xiao Shen, Associate Professor of the School of Computer Science and Technology at Hainan University, Mainland China (She obtained a PhD degree at PolyU’s Department of Computing in 2019); Dr Guanjin Wang, Lecturer in information technology, Murdoch University, Western Australia, Australia (She obtained a joint PhD degree from PolyU and University of Technology Sydney in 2018. Prof. Thomas Choi was her chief supervisor during her PhD study).

## New stroke care MOOC for learners to earn a credential

Following the success of the first School of Nursing led massive open online course (MOOC) *Human Anatomy for Stroke (ANA101x)*, the HKPolyUx offers a new edX's *Professional Certificate in Introduction to Stroke Care* to give learners an opportunity to gain essential knowledge and skills required for the stroke recovery process from an interdisciplinary perspective. Learners can earn a professional certificate by completing the two courses of this programme.

Considering the possibility of prolonged shut down of health care facilities due to COVID-19 pandemics, this programme includes skills for stroke caregivers and information that may stimulate ideas on how stroke patients can continue with home rehabilitations.

Endorsed by the Hong Kong Stroke Society and the Hong Kong Society for Rehabilitation, the second course of this Professional Certificate *Science of Stroke Recovery (Stroke201x)* introduces the journey of stroke recovery process and its underlying scientific rationales for achieving optimal rehabilitation outcomes. It focuses on evidence-based interventions delivered by different healthcare disciplines.

Among the long list of our international renowned speakers and collaborators from other PolyU departments and local institutions/organisations, are **Dr John Yuen**, Associate Professor, who has led the development of this Professional Certificate programme, and **Dr Kitty Chan**, Senior Teaching Fellow, who co-created the content for the course.

The first course, *Human Anatomy for Stroke* has recorded high enrollments since its launch in 2015. Click [here](#) to join more than 151,000 global learners of the programme, learn more about interdisciplinary stroke care, and earn a professional certificate.



## SN researchers among world's top 2% of scientists on Stanford University list

**Prof. Alex Molasiotis**, Head of the School, and **Prof. Frances Wong**, Chair Professor of Nursing (Advanced Nursing Practice) and Associate Dean (PolyU's Faculty of Health and Social Sciences), have been listed among the world's most cited researchers and those who are among the top 2% scientists within their specialty areas, released by Stanford University.

Together with a total of 158 PolyU scholars, five SN scholars (including those who had left the School and retired) were named in the ranking of 2% of the best scientists whose publications are most frequently cited by other authors across the globe. PolyU has the second highest number of scientists included on the list among Hong Kong universities.

The ranking method is based on standardized citation metrics developed by a group of scientists led by John PA Ioannidis<sup>##</sup>, a statistician at Stanford University. The scientists were grouped into 22 subject fields and 176 sub-fields using the indicators, which included information on citations, an individual's scientific research output, co-authorship and a composite indicator for career-long citation impact up to the end of 2019.

SN Researcher in the list	Subject Field	Rank in Field	Field Size
Prof. Alex Molasiotis	Oncology & Carcinogenesis	1197	230678
Prof. Frances Wong	Nursing	485	35893
Dr Lorna Suen*	Complementary & Alternative Medicine	145	9518
Dr Paul Lee**	General & Internal Medicine	933	106795
Dr Esther Mok <sup>#</sup>	Nursing	644	35893


\* Associate Professor before she left the School in 2021.

\*\* Assistant Professor before he left the School in 2021.

# Professor and Associate Head (Postgraduate Education) of the School before her retirement in 2014.

## The study was published in the journal *Public Library of Science Biology*, click [here](#) to view.

## Projects received funding support

<b>EXTERNAL funding support</b>			
Project Title	Principal Investigator (PI)	Funding Scheme	Total Grant (HK\$)
Virtual/augmented reality based planning and intraoperative guidance for precise laparoscopic cystectomy via advanced human-in-the-loop image segmentation, visualization, and registration techniques	Dr Harry Qin	General Research Fund, Research Grants Council	838,393
The effects of a hybrid face-to-face and online mode of delivering a mindfulness-based dementia caregiving programme for family caregivers of persons with dementia: A randomized controlled trial	Dr Patrick Kor	Early Career Scheme, Research Grants Council	785,120
Effectiveness of the professional-led support programme using a mobile application versus phone advice on patients at risk of coronary heart disease – A randomized controlled trial (Phase 2)	Dr Eliza Wong	Nam Kee Spring Roll Noodle Co. Ltd	270,000
 <p>▲ Mr David Ngai (mid in the photo) from Nam Kee Noodle Foundation handed over a cheque to the Head of the School, alongside were the research team members.</p>			
Time to change Hong Kong: reducing stigma around mental health in Hong Kong – A service evaluation	Dr Grace Ho	Mind Mental Health Hong Kong Limited	48,825
<b>INTERNAL funding support</b>			
Project Title	Principal Investigator (PI)	Funding Scheme	Total Grant (HK\$)
Generalizable, robust, and interpretable deep learning for clinically applicable AI-empowered diagnosis and intervention systems: Methodologies & clinical applications	Dr Harry Qin	Project of Strategic Importance	1.5 mil
NEUROLITH Transcranial Pulse Stimulation System (SN-1)	Dr Sau-fong Leung	Large Equipment Fund	960,000
An evidence-based clinical protocol for the detection, triage and management of fatigue-anorexia-cachexia symptoms clustering in advanced cancer patients: Protocol development	Dr Eileen Cheng	Start-up Fund for New Recruits	400,000

Effects of using a consumer-grade wearable device with biofeedback and brief mindfulness training for stress reduction in family caregivers of people with dementia: a pilot randomized controlled trial	Dr Patrick Kor	Start-up Fund for New Recruits	400,000
A pilot study to evaluate the feasibility and effectiveness of telecare consultation in nurse-led post-acute stroke clinic	Dr Arkers Wong	Start-up Fund for New Recruits	400,000
A Music-with-Movement exercise program for community-dwelling older adults suffering from chronic pain: a pilot randomized controlled trial	Dr Mimi Tse	Dean's Reserve	249,499
Development and evaluation of the social participation intervention program for retirees	Dr Yim-wah Mak	Joint Supervision Scheme with the Chinese Mainland, Taiwan and Macao Universities - Other Chinese Mainland, Taiwan and Macao Universities	180,600
Effects of transcranial pulse stimulation (TPS) on young adults with symptoms of depression 1 – a pilot randomized controlled trial	Dr Teris Cheung	Departmental General Research Fund	177,462
GAMified HOme-based COgnitive-Nutritional training (GAHOCON) for older people with cognitive frailty: A feasibility study	Dr Rick Kwan	Departmental General Research Fund	150,155
Adverse and benevolent childhood experiences and health: a population-based telephone survey of Hong Kong adults	Dr Grace Ho	Departmental General Research Fund	150,000
Traditional Chinese medicine life-preservation For depression: A pilot randomized controlled trial	Dr Jerry Yeung	Departmental General Research Fund	149,882

# Research Themes & Centres Update

## Ageing and Health



### Health literacy in diabetes care

The Centre collaborated with the Hong Kong College of Community and Public Health Nursing, Hong Kong Academy of Nursing, to organise a health literacy workshop titled 'Teach Back Technique for Diabetes Education' on 3 July. **Prof. Angela Leung**, Professor and Director of the Centre, was the invited speaker for the workshop. Registered nurses and an occupational therapist attended the workshop.

A flyer for a 'Health Literacy Workshop' titled 'Teach Back Technique for Diabetes Education'. The flyer is green and blue with a circular pattern. It lists the speaker as Professor Angela LEUNG, the date as 3rd July 2021 (Saturday) from 13:00 to 17:00, and the venue as A002, The Hong Kong Polytechnic University, Hung Hom, Kowloon. It also mentions 4 CNE points and an attendance certificate. Logos for BACCCHN, The Hong Kong Polytechnic University, and the Hong Kong Academy of Nursing are at the top. An orange starburst icon with '4 CNE' is at the bottom right.

**Health Literacy Workshop**  
*Topic: Teach Back Technique for Diabetes Education*

**Speaker:** Professor Angela LEUNG, Director of Centre of Gerontological Nursing, School of Nursing, The Hong Kong Polytechnic University

**Date:** 3<sup>rd</sup> July 2021 (Saturday)  
**Time:** 13:00 - 17:00

**Venue:** A002, The Hong Kong Polytechnic University, Hung Hom, Kowloon

**Target participants:** Registered Nurses working in community health, primary health care and public health settings (priority would be given to nurses who has had attended 'Health Literacy' lecture)

**Course fee:** HK\$800  
**CNE Points:** 4 CNE points  
**Language:** English (Supplemented with Cantonese)  
**Award:** Attendance Certificate

**Organizer:** The Hong Kong College of Community and Public Health Nursing  
Co-organized with Centre for Gerontological Nursing of The Hong Kong Polytechnic University

**Enrollment Deadline:** By 26<sup>th</sup> June, 2021

**4 CNE**

# Family and Community Health



## HK's COVID experience and invention presented at International arena

- **Dr Lin Yang**, Associate Professor, chaired a concurrent session of the 2nd Ecosystem Change and Population Health (virtual) Symposium organised by Queensland University of Technology on 15 June. She also presented the topic 'From SARS to COVID-19: the Hong Kong experience' at the event.



- **Dr Simon Lam**, Deputy Director of the Centre and Assistant Professor, presented his project on 'Chinese specific-N95 respirators for respiratory infectious disease outbreaks: Development, licensing, patent, and manufacturing' at the 32nd International Nursing Research Congress (virtual) of Sigma Theta Tau International (Sigma) held from 21 to 23 July 2021. Sigma congress committee commented that Dr Lam's work is 'an excellent reflection of current nursing trends and timely issues' and his abstract has been showcased on the Sigma webpage to attract healthcare professionals and scholars to join the congress.



(Click to enlarge the photo or click [here](#) to view more information)

## Patent application filed at national level

PolyU and Vannex International Limited (the respirator manufacturer) filed an application on 10 June, under the Patent Cooperation Treaty (PCT) [PCT Application No. PCT/CN2021/099388] with the China National Intellectual Property Office (國家知識產權局) for the School's invention-N95 respirators with adjustable straps. PCT is an international patent law treaty that provides a unified procedure for filing patent applications to protect inventions in each of its contracting states.

Earlier in January, PolyU filed an application at the Patents Registry, Intellectual Property Department of the Hong Kong Government for a short-term patent protection for the invention.



Left photo: Poly N95 respirators. Right photo: The Salvation Army expressed appreciation to the team of Squina International Centre for Infection Control for performing respirator fit-tests for their frontline staff.

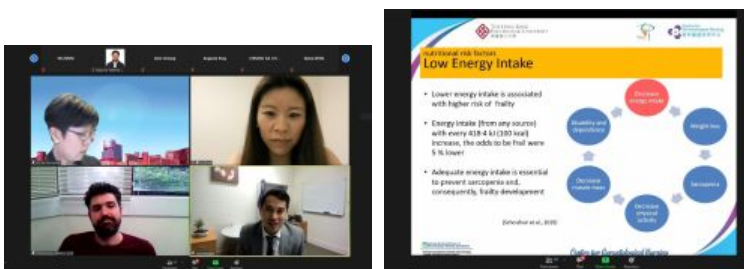




## May webinar: late-life migrants & nutrition and frailty

The School's WHO CC hosted its monthly webinars themed 'Embracing ageing in the Western Pacific'. In the webinar, Dr Jed Montayre, Senior Lecturer, School of Nursing & Midwifery, Western Sydney University, Australia, raised our awareness of an increasing trend of older adults migrating to another country for ageing. He presented three cases of late-life immigrants to discuss the challenges of ageing in a foreign country and factors affecting the adjustment and experiences of elderly migrants. He also called for the development of more measurements to capture the experiences of elderly migrants.

**Dr Justina Liu**, Associate Professor, shared her literature review on the relationship between nutrition and frailty. She presented several research findings to show that risk factors, such as low energy and protein intakes, imbalance micronutrients and dietary patterns contribute to Sarcopenia and frailty. On the other hand, nutritional interventions, such as protein supplements, micronutrient supplements, and Mediterranean diet, may help reduce frailty.

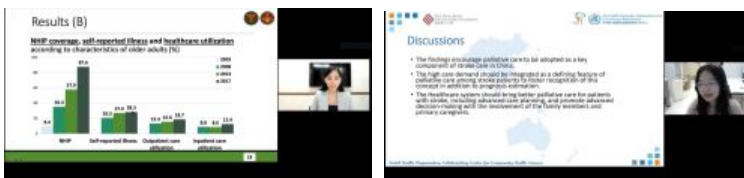


▲ Left photo: Dr Jed Montayre (In the photo: lower row, right) talked about factors affecting the ageing experience of migrants. Dr Justina Liu (upper row, left) spoke about how lower energy intake is associated with frailty.

## June webinar: Inequality in health insurance coverage and healthcare utilization & palliative care for post-stroke older adults in Mainland China

Dr Kathryn Lizbeth L. Siongco from the Philippines represented her study using concentration curve and decomposition analysis of inequality to examine the coverage in the National Health Insurance Programme (NHIP), self-reported illness, and healthcare utilization among older adults in the Philippines from 2003-2017. She concluded that there were reductions in socio-economic inequalities in the NHIP coverage, health and healthcare utilization among older adults after expansion of the NHIP coverage. However, self-reported illness were concentrated among poorer older adults.

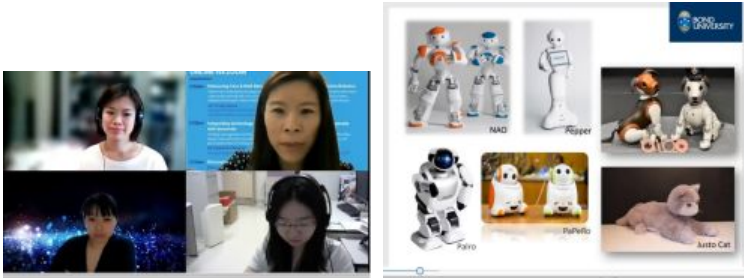
**Dr Jingjing Su**, Postdoctoral Fellow, presented her qualitative study about caregiver's perspective on palliative care for bedridden patients after stroke. Her study results showed that promoting comfort, meeting physical and psycho-emotion care needs, ensuring communication, and providing cognitive stimulation, etc., were considered as crucial elements of palliative care.



▲ Left photo: Dr Kathryn Lizbeth L. Siongco described the results of her study. Right photo: Dr Jingjing Su suggested palliative care to be adopted as a key component of stroke care in Mainland China.

## July webinar: Use of technology in promoting well-being of older adults and people with dementia

Dr Cindy Jones, Associate Professor of Behavioural Sciences, Faculty of Health Sciences & Medicine, Bond University, Australia, gave an overview of assistive robotics for aged care, described their benefits and challenges of implementation. **Dr Daphne Cheung**, Assistant Professor of the School, shared how her research team has integrated technology to provide augmented reality experience during the Music-with-Movement intervention for improving the wellbeing of people with dementia and their families. She also talked about the challenges in evaluating the intervention, such as how to objectively quantify engagement level of the participants, etc.



▲ Left photo: (Upper row) 1<sup>st</sup> from left, Dr Daphne Cheung; Lower row: 1<sup>st</sup> from left, Dr Cindy Jones. Right photo: assistive robotics for aged care.

## Research Publications

- Bayuo, J., & Wong, F.K.Y. (2021). Issues and concerns of family members of burn patients: A scoping review. *Burns*, 47(3), pp. 503-524. <https://doi.org/10.1016/j.burns.2020.04.023>
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## For Ghana-A journey of mental health literacy



'I had communicated with the patients with local dialects and given clear instructions for the use of medicines, however, when I reviewed my cases, I was baffled by the frequent relapse and hospitalisation due to medication non-adherence. I started to probe into the issue hoping to find an answer,' **Ms Adwoa Owusu Koduah** recalled the time when she was a psychiatric nurse in a hospital in Ghana that paved her way to a journey of learning and discovery.

Adwoa, a PhD student of the School of Nursing, as well as a member of the CGN and the AHLA Hong Kong Office\*, who is passionate about promoting mental health literacy in Western Africa and Asia.

Her MPhil thesis\*\* examined how health literacy and socio-cultural factors influencing mental health nursing practice in Ghana [the findings were published in the *International Journal of Environmental Research and Public Health*, [click here for details](#)]. It is the first study on the topic in Ghana, which revealed how Ghanaian cultural beliefs and social norms challenged nursing care delivery. She has also published various health literacy studies focused on undergraduate and practising nurses, street children and the youth in Ghana. Taking the opportunity of studying in Hong Kong, Adwoa is exploring how acculturation\*\*\* has influenced dementia literacy among Africans living in a Chinese society. In her PhD research, Adwoa found that although the level of integration into the Hong Kong society was low among her interviewees, easy and convenient access to mental health information and services, particularly through the internet and the mental health practice of locals have increased the awareness on mental health and level of dementia literacy of Africans residing in Hong Kong. Thus 'their health-seeking behavior has been changed. In the past, they relied on friends and relatives for health information and suggestions, but now they will search on the internet and consult health professionals to learn more about dementia,' said Adwoa.

Her study gives insight into the approach to promote dementia literacy among ethnic minority groups in Hong Kong. By looking into Hong Kong's experience and their ways to enhance dementia literacy, Adwoa hopes that she can transfer those successful strategies into practice in Ghana and develop interventions to relieve the suffering of those who have dementia, mental illness, and epilepsy, and are viewed as a social outcast in Ghana.

With this goal in her mind, after earning the MPhil degree, Adwoa returned to Ghana and worked as a clinician again. One of her achievements during this time was her ability to incorporate two interventions learnt from the CGN members (Dr Daphne Cheung and Prof. Angela Leung) into daily routine care for the patients with mental disorder and dementia.

The Music with Movement and the expression of feeling through photos activity helped the patients improve cognition and enhance their mental well-being. Adwoa particularly mentioned that during the Music with Movement activity, one patient who was 'abandoned' by her family remembered and described the moment that she last heard the song.



A nurse followed her 'hints' and visited the community she mentioned (a barber shop), where the people over there helped her to contact the patient's family. 'The 20-year-long abandonment was caused by poor communication between the nurses and patient family. The family thought that the patient was dead. When they met again after separating for so long, they cried aloud in joy,' said Adowa, 'This event showed that a simple intervention can bring a breakthrough in patient care.'

### About Ghana

Ghana is in West Africa with a population of 21.6 million. According to the WHO, about 650,000 people are suffering from a severe mental disorder and a further 2.16 million are suffering from a moderate to mild mental disorder. There are three government and one private psychiatry hospitals in Ghana. There is an estimated treatment gap of 98% for mental health disorders in Ghana. Tradition or faith-based healers are the primary source of treatment and care for people with mental health issues. Many Ghanaians still believe that mental illness is a curse or wrongdoing, which is rooted in spiritual causes, not biomedical or physical ones. Feeling shame and subjected to stigma and discrimination, it is not uncommon to see patients being abandoned by their families and stayed in hospitals for 10 years or more.

\* Adwoa currently serves as the Assistant Secretary-General of the Asia Health Literacy Association (AHLA), a member of the International Health Literacy Association (IHLA) and a team member of the Health Literacy Explorers of IHLA.

\*\* Chief Supervisor, Prof. Angela Leung; Co-Supervisor, Dr Justina Liu.

\*\*\* Acculturation refers to the process whereby the attitudes and behaviours of people from one culture changes when they interact with the people of another culture, typically the dominant or host culture [Lim K. (2011) Acculturation. In: Goldstein S., Naglieri J.A. (eds) Encyclopedia of Child Behavior and Development. Springer, Boston, MA].



## OUR PEOPLE

### Staff

- *Ms Angel Tang*, Clinical Instructor, received the Pi Iota Chapter (Sigma) Scholarship 2020/21 (Community Leader). Her awarding PhD project explored the effectiveness of an electronic pain management programme (ePAIN) for working population with chronic pain.



- *Dr Shan Shan Wang*, Postdoctoral Fellow, was supported by Sigma's Edith Anderson Leadership Education Grant to present her work 'Effects of Bibliotherapy on Psychological Well-being of Informal Caregivers of People with Dementia' (authors included Dr Daphne Cheung and Prof. Angela Leung) at the 32<sup>nd</sup> International Nursing Research Congress (virtual) organised by Sigma Theta Tau International (Sigma) on 21-23 July.



- New staff representatives were elected for the School Management Committee.

Our new representatives are:

Elected Academic Staff representative: *Dr Janice Ho*, Associate Professor.

Elected Academic Staff (Clinical) representative: *Mr Kevin Leung*, Senior Clinical Associate.

Elected Non-Academic Staff representative: *Ms Helen Hsu*, Communications Manager.

- *Dr Patrick Kor*, Assistant Professor, has been appointed as an Honorary Consultant to The Hong Kong Young Women's Christian Association (Elderly Service).

## Staff movement

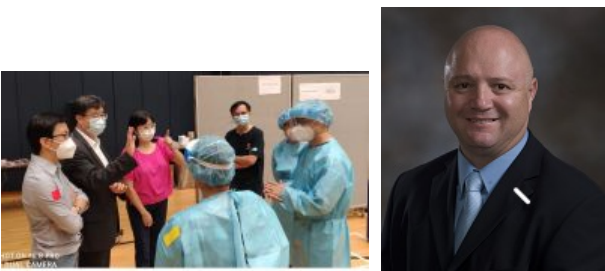
- Congratulations to *Dr Janice Ho*, on her promotion from Assistant Professor to Associate Professor; *Dr Angela Leung* from Associate Professor to Professor; and *Prof. Frances Wong* from Professor to Chair Professor of Nursing (Advanced Nursing Practice).



Congrats! Staff members got together to share fruit and congratulate Janice, Angela and Frances on their promotions.

- Welcome to *Ms Helen Chan* who joined the School as Executive Officer, *Mr King-hang Leung* as Executive Assistant, *Mr Pak-lun Lau* as Technical Support Assistant, and Mr Wai-chi Lau as Clinical Associate.
- Farewell to *Ms Ellen Ku*, *Dr Wai-kit Wong* and *Mr Oscar Chung*, Clinical Associates; *Ms Carol Chan*, Senior Executive Officer; Ms Natalie Chow, Assistant Officer; *Ms Man-yi Wong*, Administrative Assistant; *Ms Siu-fung Chow*, Clerical Officer II (retired). We thank them for their contributions during the time with us.

## Farewell to Prof. Loke after long years of service



▲ [Left photo: Prof. Alice Yuen Loke (mid, dress in pink) was always at the forefront of nursing. She led a 135-strong nursing team to support the Government's COVID-19 community testing programme last year. Right photo: Dr Martin Christensen.]

The School recently said goodbye to one of its distinguished employees *Prof. Alice Yuen Loke*. Prof. Loke held the post as Professor & Associate Head (in Postgraduate Education) and the leader of the Family and Community Health research theme before her retirement. She passed the torch on to Dr Martin Christensen, Associate Professor, who is our new Associate Head and Chair of the School Learning and Teaching Committee. Prof. Loke will continue to contribute her wisdom and experience through her new role as our Honorary Professor. We wishes Alice great happiness in retirement.

## Student

### Students received Rising Stars awards at Sigma conference

Led by Dr Simon Lam, three groups of PolyU students gave outstanding presentations and obtained the “Rising Stars of Research and Scholarship Invited Student Posters” at the 32<sup>nd</sup> International Nursing Research Congress (virtual) of Sigma Theta Tau International held from 21 to 23 July 2021. Their awarding projects are:

#### Master student project:

*Developing a Change of Preventive Measures Scale (CPMS) Among General Population in the Infectious Outbreak*

Yee Ting Chan

#### Undergraduate student project:

*Multi-Country Psychometric Testing of Face Mask Use Scale (FMUS) Among General Public*

Tsz-lok Lau, Yat-hei Au, Ming-yi Meanne Chan, Man-ching Hung, Sin-ting Liu, Ngai-main Poon, Yin-fuk Wong, Sau-kit Wong.

*A Matched Case-Control Study of General Population on Face Make Use and COVID-19 Outbreak Severity*

Long-ching Man, Cheuk-ying Man, Yee-lam Leung, Wing-yan Lai, Man-ching Tsang, Sze-kai Chan, Man-wai Tsui, Xiu-ying Zhang.

### PhD Fellowship awardee ready to embark on mental health research

Ms Mining Liang, an associate professor in nursing at the Second Xiangya Hospital, and an experienced psychiatric nursing professional in Mainland China, who has been awarded the Hong Kong PhD Fellowship Scheme (2021/22) to supports her PhD study in our School. Dr Vico Chiang and Dr Grace Ho are her supervisors and her study will begin in September this year.

Ms Liang earned her second master's degree in the Institute of Technology, Ireland in 2018. She engaged in psychiatric nursing at the Second Xiangya Hospital, Central South University for ten years, where she provided care to psychiatric patients and teaching to graduate students from Xiangya School of Nursing.

Ms Liang's research interests include: psycho-education, mindfulness-based, mutual support group for patients with mental health problems and their family members.



### Student leaders completed Leadership Development Programme

Two student leaders, Ms Yuet-ching Rachel Lau (year-2 student) and Ms Ching-ching Ailsa Mak (year-3 student) on the BSc in Mental Health Nursing programme, completed the Student Leadership Development Programme (2020-2021) that equips them with new knowledge and skills to support the service-learning subject *Healthy Lifestyle Challenges for Developing Communities*.

Ms Rachel Lau, also a peer mentor for the subject, commented that the leadership development programme has helped her to understand that appreciating opinions from others and promoting team work are crucial elements of leadership. She defined leaders as persons who make important decisions and are responsible to guide all team members to the right direction. Now, she thinks that “leaders and team members can learn from each other and share the work”.

Ms Ailsa Mak saw her participation in the leadership development programme an enlightening experience. She gained new insights into how to be a good leader. For example, she learnt that the role of a student leader is not simply to support teachers but to guide students' learning. Therefore, in practice, she allowed the students to resolve their problems and learn from experience. In addition, she learnt about the importance of predicting and reviewing possible problems and outcomes during project planning. This has enhanced her problem-solving ability and competence.



▲ Left photo: Rachel (left) and Ailsa (right). Ailsa (circled in the photo) supervised students to deliver health education.

## Alumni

(28 Jun)

The Annual General Meeting of the Alumni Association of Nursing Studies (AANS) and the alumni reunion dinner was held.



(3 Jul)

AANS held a team building activity on Lamma Island.



(7-8 Jul)

AANS supported the Government's outreach vaccination scheme and helped administer doses of COVID-19 vaccines to hundreds of students and staff on the PolyU campus. Members also helped administer vaccines at the Tung Chung Community Vaccination Centre.

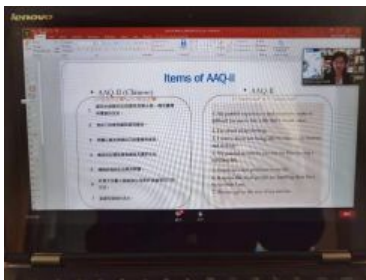


## Current Issues



(20 Mar)

Dr Justina Liu gave a keynote address on globalisation and nursing education at the 31<sup>st</sup> Congress of the Japanese Association of Medical and Nursing Education.



(1 May)

Dr Yim-wah Mak, Associate Professor and Dr Doris YP Leung, Research Assistant Professor, were invited to deliver a webinar to members of the Asian Culture and Contextual Behavioral Science, Special Interest Group (SIG), the Association for Contextual Behavioral Science. Dr Mak is the founder and Committee leader and Dr Leung is a member of the SIG.



(6 May)

The 2021 edition of the HK Family Happiness Index Survey released by the School revealed that local families experienced more happiness as compared with two years ago. The index rose from 6.89 points in 2019 to 7.26 points this year, and the use of 'five languages of love' among family members also increased. One of the factors contributing to the findings was an increase in interactions within families amid the COVID-19 pandemic. The survey was commissioned by Wofoo Social Enterprises 'HK.We CARE' and Lee Kum Kee Family Foundation.

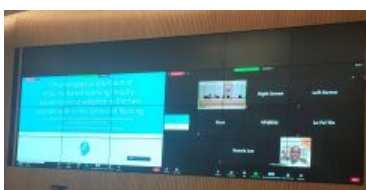
Dr Simon Lam (1<sup>st</sup> from right), Assistant Professor, presented the survey findings at the press conference.

Next was Prof. Daniel Shek, HK.WeCARE Advisor, & Interim Vice President (Research and Innovation) of PolyU.



(22 May)

The PolyU JUPAS Consultation Day was held online. A total of 220 prospective students attended our seminars to learn more about our undergraduate programmes before reprioritising their JUPAS programme choices.



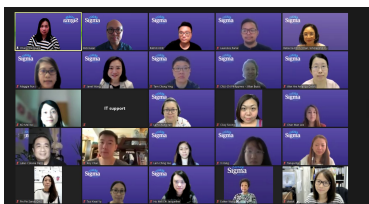
(24 May)

Dr E Angela Chan and Dr Patrick Kor were the invited speakers for the PolyU 5<sup>th</sup> Education and Student Development Salon, and they shared their experience in adopting enquiry-based learning pedagogy through two teaching projects.



(26 May)

Prof. Alex Molasiotis and Prof. Frances Wong (Associate Dean of the Faculty of Health and Social Sciences [FHSS] ), met with Prof. Jin-Guang Teng; PolyU President; Prof. Wing-tak Wong, Deputy President and Provost; and Prof. Kwok-yin Wong, Vice President (Education), who visited the faculty to gather feedback for preparing the Strategic Planning Forum, held in July.



(27-28 May)

Pi Iota Chapter of the Sigma Theta Tau International Honour Society of Nursing organised an online workshop to advance nurses' scholarly paper writing skills. The speakers shared their tips for successful publication.

The speakers:

HKU's School of Nursing

Prof. Doris Yu, Professor; Dr Janet Wong, Associate Professor cum Sigma Global Regional Coordinator for the Asia Region; Dr Kelvin Wang, Associate Professor.

PolyU's School of Nursing

Prof. Alex Molasiotis, Head of the School; Dr Vico Chiang, Associate Professor; & Dr Claudia Lai, Honorary Professor.

School of Nursing, Tung Wah College

Prof. Lorna Suen, Dean and Professor.



(28 May)

Ms Joanna Yin (PhD student), Dr Yan Li (Research Assistant Professor), and Dr Shanshan Wang (Postdoctoral Fellow) shared their research findings at the 5<sup>th</sup> Qilu International Young Nursing Scholar Forum, organised by the School of Nursing, Shandong University, Mainland China. Over 10,000 young scholars attended this online event.



Photos (Top to bottom) : Ms Joanna Yin presented her systematic review on sarcopenic obesity. Dr Yan Li presented her study titled 'Relationships between Types of UK National Newspapers, Illness Classification, and Stigmatising Coverage of Mental Disorders'. Dr Shanshan Wang presented her systematic review and meta-analysis on bibliotherapy.

(29-30 May)



Prof. Alex Molasiotis gave an opening address at the 7<sup>th</sup> Cross-Strait, Hong Kong and Macau Conference on Adolescent Sexual and Reproductive Health jointly organised by The Family Planning Association of Hong Kong and the School.

Speakers and moderators exchanged their views on challenges of promoting adolescent sexual and reproductive health.

Prof. Alice Yuen Loke, Professor, was invited to moderate the first plenary session 'Puberty: Development and Challenges', and the experience sharing session focusing on public health policies and primary health care. Dr Grace Xie, Assistant Professor, moderated the plenary session on dating and gender violence.

Dr Grace Ho, Assistant Professor, conducted a workshop titled 'Caring for Pregnant and At-Risk Youths through a Trauma-Informed Lens'.



(8 Jun)

The Global Healthcare Innovation Academy (GHIA) Hong Kong Local Event was jointly held by the School and the GHIA. The speakers spoke about AI for medicine and healthcare applications in the event.



(15 & 22 Jun)

Funded by PolyU's Educational Development Centre, Dr Patrick Kor and the subject team (including Ms Phyllis Pang and Mr Oscar Chung) organised the Internationalization @ Home Workshop. The workshop aimed at supporting students of the service learning subject *Healthy Lifestyle Challenges for Developing Communities* (SN2S03) to develop a cross-cultural understanding of social and cultural determinants of healthy lifestyle. Over 150 students from PolyU and Universitas Kristen Duta Wacana (Indonesia) attended the workshop.

(24 & 30 Jun)



Dr Vico Chiang co-facilitated the pre-conference workshop of the 15<sup>th</sup> International Family Nursing Conference. Under the topic 'Global perspectives on Narrowing the Know-Do Gap in Acute Care Family Nursing', he worked with other facilitators as an international team to assist the participants in identifying the implementation of best practice in acute-critical family care. On the third day of the conference, Dr Chiang was among the panel of international experts to give response to the keynote address about the impact of COVID-19 on the family and important considerations for family nurses.

(5-9 Jul)

Dr E Angela Chan was an invited workshop presenter at the Thinking Qualitatively (virtual) Conference and she spoke on the topic 'Qualitative Data Analysis: Navigating the Different and Evolving Terrains'.

This conference was co-organised by the University of Alberta, International Institute for Qualitative Methodology and the University of British Columbia, School of Nursing, Okanagan campus. Over 500 attendees from more than 100 institutions world-wide participated in the event.

## Seminars

Date	Topic	Speaker	
13 May	(GBD): What is it? And its management	Dr Stefanos Tyrovolas, Research Assistant Professor, PolyU	
24 Jun	Presenting a 30-minute thesis	Dr Sheena Ramazanu, Research Fellow Alice Lee Centre for Nursing Studies National University of Singapore (She obtained a PhD degree at PolyU's School of Nursing in 2021)	
13 Jul	Writing Skills: Writing a good abstract for conference	Dr Sau-fong Leung, Associate Professor, PolyU	