





School of Nursing ANNUAL REPORT 2016





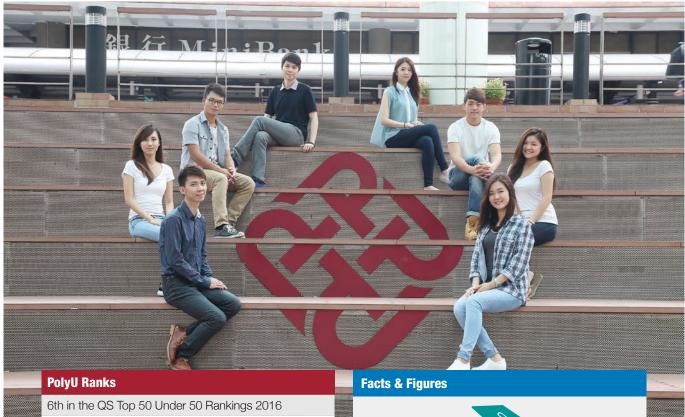
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THE HONG KONG POLYTECHNIC UNIVERSITY

The Hong Kong Polytechnic University (PolyU) has a proud and illustrious history dating back to 1937. Formerly known as The Hong Kong Polytechnic, it assumed full university status in 1994. PolyU is strategically located in Hung Hom, in the heart of the city, and our campus continues to grow with extensive development and rapid expansion in the last ten years.

PolyU offers a wide range of academic programmes which directly meet the industrial, commercial and community needs of the city and the region. In addition to meeting Hong Kong's manpower requirements, we also make significant contributions towards the territory's success and enhance strong partnerships by providing an expanding range of consultancy professional training and applied research services to the public and private sectors.



29th in the QS University Rankings: Asia 2016

111th in the QS World University Rankings 2016/17

26th in the Ranking of Top Universities in Greater China 2016

22nd in the Times Higher Education Asia University Rankings 2016

27th in the Times Higher Education 150 Under 50 Rankings 2016

192nd in the Times Higher Education World University Rankings 2016/17

260th in the University Ranking by Academic Performance 2016/17





Full-time Staff as of 30 October 2015

5,056



The School of Nursing (SN) at The Hong Kong Polytechnic University (PolyU) is a diverse community of scholars and clinicians with a common goal: to pursue academic excellence of practical value in nursing and healthcare services. We are happy to share with you our accomplishments in 2016.

Our School's excellence and success in providing worldclass nursing education are recognised both locally and internationally. The School ranks 42nd in the QS World University Rankings by Subject 2016, and was the first tertiary educational institution to offer a degree in nursing education in Hong Kong. As the largest nursing school in Hong Kong, we have been preparing outstanding nurses for around 40 years, and we continue to strive for excellence in nursing education and research.

As a pioneer in nursing education, our research team has always been proactive in generating new knowledge in order to advance students' learning and studying experiences. As we are working to increase the number of students with international exposure, a new pilot project entitled 'Internationalisation at Home' has been launched, aiming to enhance students' intercultural understanding. Nursing students from collaborating overseas institutions pair up with our students for joint written assignments on cultural competence in nursing, using the internet and technology. The intention is for students to learn about each other's values, meanings, and beliefs concerning health, well-being, caring, and nursing. The School has also developed the first computerised haptic system for nasogastric tube (NGT) placement training, which enables nursing students to practise NGT insertion in a computersimulated virtual environment. We have extended our connections with local institutions, where undergraduate students from medical, nursing, pharmacy, traditional Chinese medicine, and other healthcare disciplines are encouraged to learn the importance of inter-professional collaboration when managing patients' problems, and

to experience problem solving in teams. We have also developed a new online database of Chinese medicinal herbs, which provides a convenient platform for teaching and learning about Chinese medicine nursing.

To keep abreast of the latest health service developments, technology advancements and contemporary practice, we have hosted international conferences and seminars by extending our collaboration and linkage with local and international institutions/organisations. This brings together talent from all over the world in order to exchange views and contribute to the betterment of global nursing education. An international conference was held to bring local and international gerontologists together to discuss how to better serve seniors. The "Global Consortium for Chronic Care Research Centre" was set up with universities from the Chinese mainland, the USA and Australia, In terms of international networking and service development, we have taken on the role of EAFONS secretariat from 2016 to 2020.

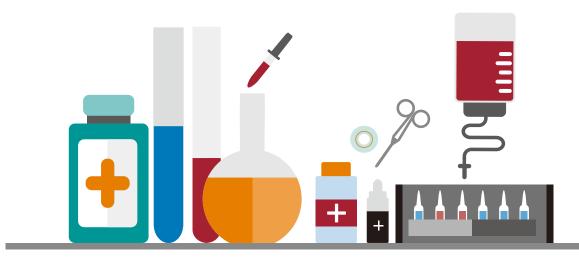
I hope this Report will provide you with a brief summary of the activities of our vibrant faculty members and students for the past year. I would like to take this opportunity to recognise and appreciate their contributions towards the professionalisation of our research, teaching and provision of community services to various stakeholders. I look forward to your continued support in the years to come.

Mroin

Professor Alex Molasiotis

Angel S.P. Chan Lau Professor in Health and Longevity Chair Professor of Nursing and Head Director of WHO Collaborating Centre for Community Health Services

SCHOOL OF NURSING



Vision

To become a leading school offering quality programmes and producing high caliber graduates in nursing.

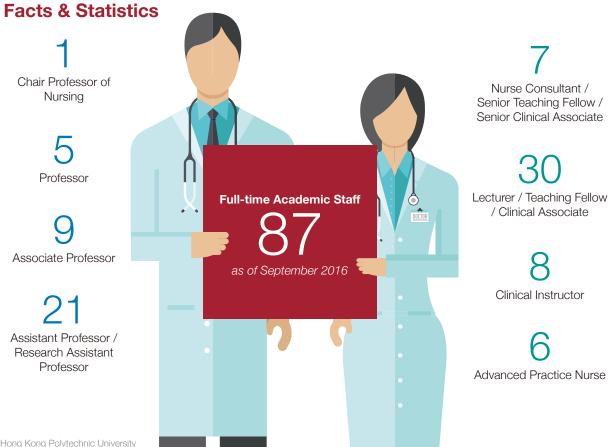
Mission

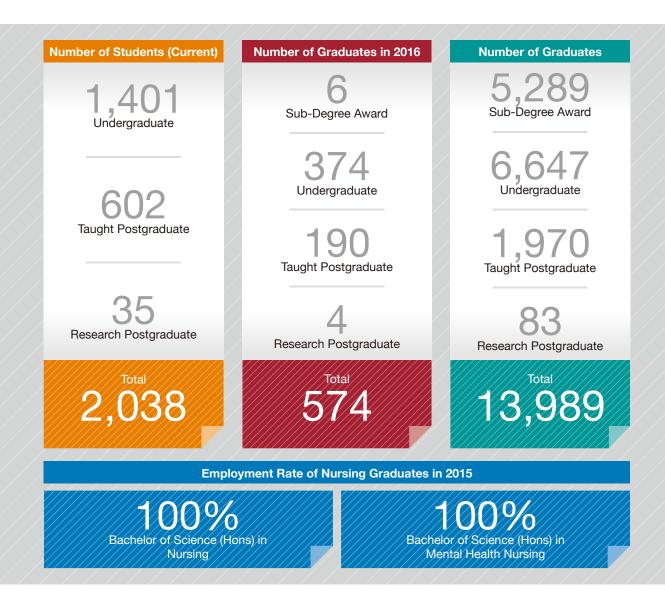
The School supports the vision of the University to be a leading university. We contribute to the well-being of mankind by:

- producing graduates with attributes of reflective practitioner and future nurse leader
- performing research and consultancy leading to health enhancement and healthcare innovations
- providing integrative health services and educational programmes for improving the health and health literacy of the community

Motto

To excel in nursing for the well-being of mankind.





Research Output in 3 Years (July 2013 - June 2016)



Publications in 3 Years (July 2013 - June 2016)



ACADEMIC STAFF LIST

Chair Professor	Alex Molasiotis (Prof.) Angel S.P. Chan Lau Professor in Hea Chair Professor of Nursing and Head	
Professor	Wai-tong Chien (Prof.) Associate Head (Research) Alice Yuen Loke (Prof.) Associate Head (Postgraduate Educate Frances Wong (Prof.) Associate Dean (Faculty of Health and Claudia Lai (Prof.) Maritta Anneli Valimaki (Prof.)	
Associate Professor	Engle Angela Chan (Dr) Associate Head (Undergraduate Educ Zenobia Chan (Dr) Kin Cheung (Dr) Thomas Choi (Dr) Regina Lee (Dr)	Angela Leung (Dr) Yim-wah Mak (Dr) Lorna Suen (Dr) John Yuen (Dr)
	Daniel Thomas Bressington (Dr)	Justina Liu (Dr)
Assistant Professor	Choi-wan Chan (Dr) Vico Chiang (Dr) Shirley Ching (Dr) Olivia Fung (Dr) Grace Ho (Dr) Janice Ho (Dr) Sarah Kong (Dr) Paul Lee (Dr) Sau-fong Leung (Dr)	Vivian Ngai (Dr) Margaret O'Donoghue (Dr) Harry Qin (Dr) Mimi Tse (Dr) Marian Wong (Dr) Candy Wu (Dr) Lin Yang (Dr) Jerry Yeung (Dr)
	Choi-wan Chan (Dr) Vico Chiang (Dr) Shirley Ching (Dr) Olivia Fung (Dr) Grace Ho (Dr) Janice Ho (Dr) Sarah Kong (Dr) Paul Lee (Dr)	Vivian Ngai (Dr) Margaret O'Donoghue (Dr) Harry Qin (Dr) Mimi Tse (Dr) Marian Wong (Dr) Candy Wu (Dr) Lin Yang (Dr)

Sunshine Chan (Dr)	Frederick Yeung	Nurse Consultant
Cynthia Wu (Dr)		Senior Teaching Fellow
Stanley Ko Edmond Tong	Kitty Wong Annie Yip	Senior Clinical Associate
Simone Ho (Dr) Doris Leung (Dr)	Sijian Li (Dr)	Teaching Fellow
Bessie Chan Wai-shan Chan Percy Cheng Sharon Cheung (Dr) Teris Cheung (Dr) Jeff Fung Keith Fung Jacqueline MC Ho Suki Ho Ellen Ku Rick Kwan (Dr) Timothy Lai	Echo Lau Kevin Leung Shirley Lo Ka-ping Pang Phyllis Pang Bonnie Tam Joyce Tang Fionca Tse Arkers Wong Hon-fat Wong Ivy Wong Wai-kit Wong (Dr)	Clinical Associate
Esther Kwok Winsome Lam Ada Lau (Dr)	Rainbow Lee (Dr) Sylvia Ting Rebecca Wai	Advanced Practice Nurse
Elaine Cheung Candy Choi Sophia Chow Bryan Ho	Lily Ho Patrick Kor Melody Mok Kelvin Wu	Clinical Instructor

Honorary Academic, Professorial and External Appointments

Honorary Academic and Professorial Appointments

Prof. Alex Molasiotis

- · Adjunct Professor, James Cook University, Australia
- Adjunct Professor, University of Technology Sydney, Australia
- Foreign Adjunct Professor, Karolinska Institutet, Stockholm, Sweden
- Visiting Professor, Fujian University of Traditional Chinese Medicine, China
- Visiting Professor, Wuxi Medical School Jiangnan University, China

Prof. Wai-tong Chien

• Visiting Scholar, University of Turko, Finland

Prof. Alice Yuen Loke

- Honorary Professor, University of Hull, UK
- Honorary Professor, Wuxi Medical School, Jiangnan University, China

Prof. Frances Wong

- Adjunct Professor in Nursing, University of Pennsylvania, USA
- Visiting Professor, Guangzhou Medical University, China
- Visiting Professor, Hangzhou Normal University, China
- · Visiting Professor, Nangfong University, China
- Visiting Professor, Nanjing Medical University, China
- Visiting Professor, Sun Yat-sen University, Guangzhou, China
- · Visiting Professor, Tinjian University, China

Prof. Maritta Anneli Valimaki

- · Adjunct Professor, Tongji University, China
- Title of Docent, University of Tampere, Finland
- Visiting Professor, Faculty of Health and Social Care, St. George's, University of London, UK

Dr Engle Angela Chan

 Visiting Professor, School of Nursing, Medical Unit, Soochow University, China

Dr Regina Lee

- Guest Professor, School of Nursing, Zhengzhou University, China
- Visiting Associate Professor, Macau University of Science and Technology, Macau

Dr Lorna Suen

 Honorary Professor, Fujian University of Traditional Chinese Medicine, China

Dr Daniel Thomas Bressington

 Honorary Senior Lecturer, Faculty of Health, Social Care and Education, Kingston University and St George's, University of London, UK

Dr Vico Chiang

 Adjunct Associate Professor, Department of International Nursing Development, Tokyo Medical and Dental University, Japan

Dr Olivia Fung

 Guest Assistant Professor, Faculty of Health Science, Macau University of Science and Technology, Macau

Dr Janice Ho

 Honorary Assistant Professor, School of Biomedical Sciences, Li Ka Shing Faculty of Medicine, The University of Hong Kong, Hong Kong

Dr Justina Liu

 Visiting Lecturer, Okayama Prefectural University, Japan

Dr Vivian Ngai

 Visiting Lecturer, Okayama Prefectural University, Japan

Dr Lin Yang

 Honorary Assistant Professor, School of Public Health, The University of Hong Kong, Hong Kong

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Dr Jerry Yeung

 Honorary Assistant Professor, Department of Psychiatry, The University of Hong Kong, Hong Kong

Dr Doris Leung

 Assistant Professor (Status only), University of Toronto, Canada

Dr Sijian Li

 Visiting Lecturer, Sichuan University-Hong Kong Polytechnic University Institute for Disaster Management and Reconstruction, Sichuan University, China

Ms Bonnie Tam

- Adjunct Assistant Professor, The Chinese University of Hong Kong, Hong Kong
- Adjunct Assistant Professor, The University of Hong Kong, School of Professional and Continuing Education (SPACE), Hong Kong

External Appointments

International

Prof. Alex Molasiotis

- Board Member, Nursing & AHPs Committee, International Society for the Study of Lung Cancer
- Chair, Multinational Association of Supportive Care in Cancer, Antiemetics Working Group
- Elected Board Member, Multinational Association of Supportive Care in Cancer

Prof. Wai-tong Chien

 International Scientific Advisory Panels, 2016
 International Nursing Research Conference, Royal College of Nursing, Edinburgh, UK

Prof. Alice Yuen Loke

 Director of Secretariat, Asia-Pacific Emergency and Disaster Nursing Network

Prof. Frances Wong

- Chairperson, Planning Committee for the International Council for Nurses, International Nurse Practitioner / Advanced Practice Nurse Network, Switzerland
- Elected Member, Core Steering Group of the Advanced Nursing Practice Network, International Council for Nurses, Switzerland
- Elected Member, The ICN International Nurse Practitioner / Advanced Practice Nurse Network, Australia
- Member, American Academy of Nursing, USA
- Member, Omaha System Board of Directors
- Member, Pi lota Chapter, Sigma Theta Tau International Honor Society of Nursing, USA
- Member, the Advanced Nursing Practice Network, International Council for Nurses, Switzerland

Prof. Claudia Lai

- · Fellow, American Academy of Nursing, USA
- Member, Council for the Advancement of Nursing Science, USA
- Regional Coordinator, Asia Region, Honor Society of Nursing, Sigma Theta Tau International, USA

Prof. Maritta Anneli Valimaki

- Board Member, Management Committee of ISCH COST Action IS1210 - Appearance Matters
- Leader, Practice Development Subgroup, European Psychiatric Nurses (HORATIO)
- Member, Scientific Committee, WNC 2016, Singapore
- Member, ARKTIKO Executive Team, The Academy of Finland's Arctic Academy Programme, Finland
- · Member, Health Board, Academy of Finland, Finland
- Member, New Energy Board, Academy of Finland, Finland
- Vice Director, Doctoral Programme in Nursing Science, Faculty of Medicine, University of Turku, Finland

Dr Engle Angela Chan

- Executive Member, Management Committee, Associate Director of International Research Center of Communication in Healthcare PolyU and University of Technology in Sydney
- Honorary Visiting Fellow, School of Health Sciences, University of Brighton, UK
- Member, Pi lota Chapter, Sigma Theta Tau International Honor Society of Nursing, USA

Dr Kin Cheung

 Treasurer, Pi lota Chapter, Sigma Theta Tau International Honor Society of Nursing, USA

Dr Yim-wah Mak

- Certified Laughter Yoga Leader, Laughter Yoga International University
- Member, Global Alliance for Nursing and Midwifery, WHO Collaborating Centre for Nursing, Midwifery and Health Development
- Member, Pi lota Chapter, Sigma Theta Tau International Honor Society of Nursing, USA
- Professional member, Association of Contextual Behavioral Science
- Tobacco Treatment Specialist, Mayo Clinic, Nicotine Dependence Center, Rochester, USA

Dr Daniel Thomas Bressington

 Visiting Reader in Mental Health Research, School of Nursing, Canterbury Christ Church University, UK

Dr Vico Chiang

- Advanced Cardiac Life Support (ACLS) Instructor, American Heart Association, USA
- Community Leader, Pi lota Chapter, Sigma Theta Tau International Honor Society of Nursing, USA

Dr Shirley Ching

- Certified Laughter Yoga Leader, Laughter Yoga International University
- Chapter Counselor, Pi lota Chapter, Sigma Theta Tau International, Honor Society of Nursing, USA
- Member, International Society of Nurses in Cancer Care

Dr Olivia Fung

 Member, Pi lota Chapter, Sigma Theta Tau International Honor Society of Nursing, USA

Dr Grace Ho

 Adjunct Faculty Member, Johns Hopkins University School of Nursing, Baltimore, MD, USA

Dr Justina Liu

 President, Pi lota Chapter, Sigma Theta Tau International Honor Society of Nursing, USA

Dr Marian Wong

- Founding Member, Pi lota Chapter, Sigma Theta Tau International Honor Society of Nursing, USA
- Honorary Fellow, Australian Catholic University, Sydney, Australia

Dr Grace Xie

 Programme Committee Member, The Annual Worldwide Nursing Conference, 2016 & 2017

Dr Sunshine Chan

- Core Member, Asia Pacific Emergency Disaster Nursing Network (APEDNN), Western Pacific Region, World Health Organisation, Switzerland
- Member, Pi lota Chapter, Sigma Theta Tau International Honor Society of Nursing, USA

Ms Bessie Chan

 Counselors-Membership Nomination, Pi lota Chapter, Sigma Theta Tau International Honor Society of Nursing, USA

Ms Wai-shan Chan

 Basic Life Support (BLS) Instructor, American Heart Association, USA

Mr Jeff Fung

 Basic Life Support (BLS) Instructor, American Heart Association, USA

Ms Shirley Lo

 Member, Pi lota Chapter, Sigma Theta Tau International Honor Society of Nursing, USA

Mr Arkers Wong

 Basic Life Support (BLS) Instructor, American Heart Association, USA

Ms Ivy Wong

 Basic Life Support (BLS) Instructor, American Heart Association, USA

External Appointments

National

Prof. Wai-tong Chien

 Board Member, International Psychology and Mental Health Association, Taiwan

Prof. Frances Wong

- Advisor, The Higher Education Curriculum Design Committee, Ministry of Health, China
- Advisor and Member, National Committee for Higher Education Curriculum Development, Ministry of Health, China
- Associate Chief Council Member, Community Nursing Specialty Group, China Nursing Association, China
- Honorary Advisor in Community Care, The Beijing University, China
- Overseas Consultant, China Nursing Centre, Ministry of Health, China
- Senior Consultant, Guangdong Province Nursing Education Centre, China

Prof. Claudia Lai

 Member, Expert Panel, Nursing Home Project of the Hong Kong Society of Rehabilitation, Shenzhen, China

Dr Engle Angela Chan

 External Examiner for the Bachelor of Science in Nursing Programme, Kiang Wu Nursing College of Macau, Macau

Dr Sijian Li

 Honorary Consultant, Sichuan Expanded Mental Health Network, China

Ms Bonnie Tam

- Council Member, Specialty Committee of Nursing of World Federation of Chinese Medicine Societies, China
- Honorary Consultant, Lingnan Hospital, Sun Yat-sen University, China

Editorial Roles

Prof. Alex Molasiotis

- Editor-in-Chief, European Journal of Oncology Nursing
- Editorial Board Member, Complementary & Alternative Therapies in Clinical Practice
- Editorial Board Member, Health Sciences Journal
- Editorial Consultant, Supportive Care in Cancer

Prof. Wai-tong Chien

- Editor / Associate Editor of international peer-reviewed journals, including Trials, Journal of Translational Medicine, The Open Nursing Journal, and Nursing Reports
- Editorial Board Member of international peer-reviewed journals, including Neuropsychiatric Disease and Treatment, Journal of Nursing Interventions and Asian Nursing Research, International Journal of Multiple Research Approaches, and Nursing: Research and Reviews

Prof. Alice Yuen Loke

- Associate Editor, Evidence-based Medicine & Public Health
- Editorial Board, Nursing & Palliative Care

Prof. Frances Wong

- Editorial Advisory Board, Nursing Management, Royal College of Nursing
- Editorial Board Member, Journal of Chinese Nursing Management
- Editorial Board Member, Journal of Nursing Scholarship
- Member, Editorial Advisory Board, Nurse Researcher, The Royal College of Nursing (RCN) Publishing Company Ltd.
- Member, Editorial Advisory Board, Nursing Management, The Royal College of Nursing (RCN) Publishing Company Ltd.

Prof. Claudia Lai

- Editorial Board Member, Asian Journal of Geriatrics and Gerontology
- Editorial Board Member, The Scientific World Journal

Prof. Maritta Anneli Valimaki

- Associate Editor, International Journal of Nursing Studies
- Editorial Board Member, Cochrane Schizophrenia Group, University of Nottingham
- Honorary Associate Editor, Clinical Nursing Studies (CNS)

Dr Engle Angela Chan

- Editorial Board Member, Global Qualitative Nursing Research
- Member, International Editorial Reviewer Board of Clinical Nursing Studies

Dr Zenobia Chan

 Editorial Committee Member, The Nurse Education in Practice

Dr Kin Cheung

 Editorial Board Member, Journal of American Infection Control

Dr Regina Lee

- Associate Editor, GSTF Journal of Nursing and Health Care
- Editorial Advisory Board Member, Nursing Children and Young People Journal
- Editorial Board Member, Clinical Nursing Studies Journal
- Editorial Board Member, Journal of Nursing Management

Dr Lorna Suen

- Associate Editor, Global Science & Technology Forum (GSTF), Journal of Nursing and Health Care
- Editorial Board Member, International Scholarly Research Notes, Hindawi Publishing Corporation
- Editorial Board Member, Journal of Physical Therapy and Health Promotion (PTHP)
- Editorial Board Member, Symbiosis Open Access Journal of Nursing & Health Care (SOJNHC

Dr John Yuen

- Associate Editor, Journal of Pharmacology Research
- Editor-in-Chief, Modern Chemistry and Applications (OMICS Group)
- Editorial Board Member, Clinical Nephrology and Urology Science

Dr Daniel Thomas Bressington

 Editorial Board Member, Journal of Psychiatric and Mental Health Nursing

Dr Vico Chiang

- Chief-editor, Newsletter of Hong Kong Association of Critical Care Nurses
- Editorial Board Member, Chinese Nursing Research (an Elsevier journal)
- Editorial Board Member and Member of the Board of Directors for the Journal of Problem Based Learning, Department of Nursing, Cheju Halla University

Dr Olivia Fung

• Editorial Board Member, Nursing Open, Wiley

Dr Janice Ho

- Editorial Board Member, Advances in Alzheimer's Disease. Scientific Research Publishing Inc.
- Editorial Board Member, Journal of Alzheimer's & Neurodegenerative Diseases, Herald Open Access

Dr Paul Lee

• Editorial Board Member, Scientific Reports

Dr Sau-fong Leung

Editorial Board Member, Journal of Eating Disorders

Dr Grace Xie

 Editorial Board Member, Clinical Trails and Case Studies

Dr Betty Chung

· Editor, Hellenic Journal of Nursing Science

Dr Cynthia Wu

 Editorial Board Member, Journal of Community Health Nursing



International Recognition: The School ranks 42nd in the QS World University Rankings by Subject 2016

he QS World University Rankings by Subject highlight the world's top universities in individual subject areas, covering 42 subjects as of 2016. The rankings aim to help prospective students identify the world's leading schools in their chosen field, and are based on academic reputation, employer reputation and research impact. The table below shows our scores in detail:

	School of Nursing, PolyU
Rankings in 2016	42nd
Overall score	79.0
Academic reputation	82.0
Employer reputation	79.6
Citations per paper	83.9
H-index citations	71.0

About the rankings:

Each of the subject rankings is compiled using four sources. The first two are QS's global surveys of academics and employers, which are used to assess institutions' international reputation in each subject. The second two indicators assess research impact, based on research citations per paper and h-index in the relevant subject. These are sourced from Elsevier's Scopus database.



Data retrieved from http://www.topuniversities.com/subject-rankings/2016 on 31 March 2016.

Research Development

Our Elderly Care: CGN's Inaugural Conference "Translating Evidence into IMPACT: Creating a Road Map in Caring for the Frail"



The Centre for Gerontological Nursing (CGN) held its Inaugural Conference entitled "Translating Evidence into Impact: Creating a Road Map in Caring for the Frail" on 27 May 2016. A total of 420 participants from 16 countries/cities, namely Armenia, Australia, Canada, France, Georgia, Japan, Korea, the Republic of Nagorno-Karabakh, the Netherlands, the Philippines, Singapore, Taiwan, the USA, mainland China, Macau and Hong Kong attended the conference.

The event brought together local and international gerontologists to discuss how the CGN could better serve seniors. The Centre also showcased their dedication to advancing their work for the health and wellbeing of their clients.

At the opening ceremony of the conference, Prof. Alex Molasiotis, Chair Professor and Head of the School of Nursing, gave a welcoming speech. Opening remarks were given by Prof. Sophia

Chan, Under-Secretary for the Food and Health Bureau, Hong Kong SAR Government. Prof. John C Y Leong, Chairman of the Hospital Authority and Prof. Claudia Lai, Professor and Director, Centre for Gerontological Nursing, PolyU's School of Nursing, delivered speeches.



The conference attracted media attention. Print media such as Sing Tao Daily and Wen Wei Po, and electronic media such as RTHK, TVB, Phoenix TV, Commercial Radio, and i-Cable, covered the event. The Centre received numerous congratulatory messages and positive feedback with regard to the scientific content as well as the logistics of the conference.



When East Meets West: Unveiling Ceremony of Global Consortium for Chronic Care Research Centre



ed to promote the safe and tim

and across care settings.



The Chair Professor of Nursing and Head of the School of Nursing, Prof. Alex Molasiotis (left) and Associate Dean, Prof. Frances Wong (right)

PolyU, and Prof. Wong has also been appointed as a member of the Operating Committee of the Centre. The "Global Consortium for Chronic Care Research Centre" was established in collaboration with the School of Nursing of Sun Yat-sen University, the School of Nursing of Johns Hopkins University, the School of Nursing of The Hong Kong Polytechnic University, and the Faculty of Health of the University of Technology Sydney, Australia. In the future,

the Centre will cooperate in various research areas, make suggestions for relevant government policy-making, and cultivate young nursing researchers. The Research Centre aims to enhance collaborative research on chronic care among the above-mentioned four top universities, to nurture outstanding young nursing scholars with global perspectives, to develop and conduct research programmes to satisfy the demands of health care globally, and to provide health policy makers with valuable suggestions and technical support. The organisational

structure of the Research Centre includes a board, an operating committee and an advisory committee. The board is the core of the Centre. Eight board members are deans or professors from the School of Nursing or the Faculty of Health from the four universities.

New Research Theme: Mental Health Care

The School has announced a new research theme, Mental Health Care, led by Prof. Maritta Valimaki.

Citizens' mental health has been one of the School's research priority areas, and was previously studied under the "Family and Community Health" research theme. A new Mental Health Care theme was established in 2016 as an independent research group.

This decision has generated new synergistic capabilities, enhanced interdisciplinary research potential, and offered new options for research collaboration both inside and outside the team. The Mental Health Care research theme will answer national and international research questions by focusing on topics such as interventions for people with severe mental illnesses, challenging relationships, and social adversity.

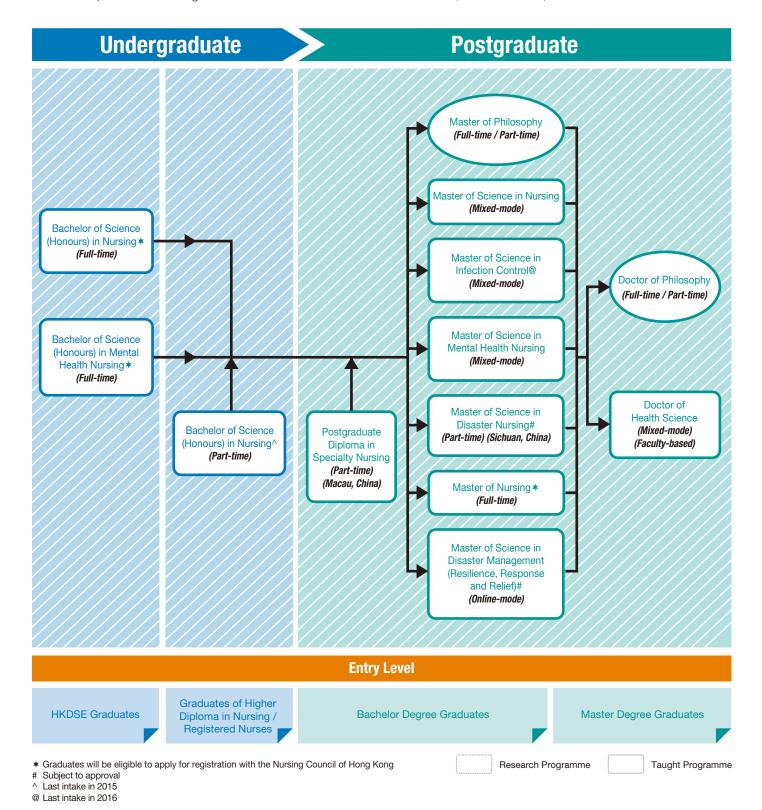
Outstanding Student from Africa Awarded Hong Kong PhD Fellowship Scheme

Mr Worku Animaw Temesgen, a prospective PhD student from Ethiopia, was nominated to the PolyU Selection Panel for the Hong Kong PhD Fellowship Scheme 2016/17. Mr Temesgen outperformed other candidates in his academic and research abilities, communication and interpersonal skills, and leadership abilities, and the Research Grants Council gave the Hong Kong PhD Fellowship to Mr Temesgen. He is studying on a 3-year full time PhD programme in the School of Nursing, under the supervision of Prof. Wai-tong Chien (Chief Supervisor) and Dr Daniel Bressington (Co-supervisor). The Research Grants Council established the Hong Kong PhD Fellowship Scheme in 2006 to attract the best students in the world to pursue their PhD studies in Hong Kong.



Academic Development

The School has been preparing outstanding students for challenging careers in nursing for four decades. It was Hong Kong's first tertiary educational institution to offer a nursing degree programme, and remains a pioneer in nursing education in Hong Kong. Three degree programmes and ten postgraduate programmes are offered, aiming to produce all-round graduates with well-honed abilities to communicate, make decisions, lead and innovate.



Extension of Collaboration: Master of Science in Disaster Nursing

The School has been collaborating with Sichuan University to offer a self-financed 2-year part-time Master of Science in Disaster Nursing programme (for two intake cohorts in 2013 and 2015).

The 5-year collaborative agreement signed between the School and Sichuan University in October 2011 came to an end in 2016. After reviewing this programme with Sichuan University, the School has decided to continue the collaboration. The Hong Kong Jockey Club has also confirmed its full funding support for this programme.

The School and Sichuan University are seeking approval from the Ministry of Education (MoE) of the People's Republic of China to offer the programme. Once it is granted, the School will start recruiting students, possibly in September 2017. The School plans to recruit a total of two cohorts of students (in 2017 and 2019).

In collaboration with Sichuan University, the School is developing expertise in disaster management, which is one of the School's strategic focus areas. The long-term relationship between Sichuan University and the School has also expanded into the development of research and other collaborative projects.



Building Capacity for Teamwork: Interprofessional Learning for Healthcare Professional Students





activities of the first IPTBL day

A UGC-Funded Joint Project programme entitled "Interprofessional Team-based Learning (IPTBL) for Health Professional Students" was launched in January 2016, co-organised by the School of Nursing,

PolyU and the School of Biomedical Sciences, The University of Hong Kong (HKU). The aim of the programme is to encourage undergraduate students from medical, nursing, pharmacy, traditional Chinese medicine, and other healthcare disciplines to learn the importance of interprofessional collaboration when managing patients' problems, and to experience problem solving in teams.

On this programme, teams of HKU and PolyU students from Medicine, Pharmacy, Nursing, Chinese Medicine and Biomedical Sciences completed tests based on suggested reading material, first individually and then as a cross-disciplinary team. Team members then worked together on case-based application exercises. The way teams were arranged reflected the realities of the healthcare sector, where professionals from a variety of disciplines work together to improve the well-being of patients.

In fact, teachers also mirrored the process their learners went through in the face-to-face sessions, when they collaboratively examined clinical cases and addressed questions from students.

More than 500 students across 7 programmes from the two universities participated in the first two IPTBL days on 16 January and 20 February 2016. The programme is growing continuously and is expected to serve a total of over 1,000 students from 12 programmes by 2017. It would be the first large-scale interprofessional education programme in Hong Kong.





Led by Prof. Frances Wong in collaboration with the University of Hong Kong, the second pilot run, focused on the unit "Developmental Delay", was conducted by Ms Jacqueline Ho and her students

Research Underpinning Teaching: The First Computerised Haptic System for Nasogastric Tube Placement Training in Nursing Education in Hong Kong



A press conference was held to introduce the computerised haptic system in nursing education for nasogastric tube placement training.

Dr Thomas Choi (right) is the principal investigator and Dr Vico Chiang (left) is the coinvestigator of the project.

The School of Nursing, PolyU has developed a computerised haptic system for nasogastric tube (NGT) placement training, enabling nursing students to practise NGT insertion in a computer-simulated virtual environment. The system, supported by a General Research Fund (GRF) under the Research Grants Council, is the first computerised haptic system to be developed for training nurses in clinical skills in Hong Kong.

Nasogastric intubation, through the nostril and the throat, is an essential clinical procedure for inserting a plastic tube into the stomach for feeding or drainage. However, it is a blind process in which the tube may be misplaced and can lead to unexpected complications or fatal incidents. Hence, training in placement techniques is very important to every nursing student.

Conventional training in NGT placement includes classroom lectures on the theory, followed by small-group clinical teaching with instructors demonstrating the practical skills. The hands-on learning of skills is usually conducted on low-fidelity mannequins, which cannot respond to the user, render human anatomy realistically, or provide the actual sense of insertion forces.

To address these limitations, a computerised virtual training system was developed by the School of Nursing of PolyU with the application of force models to simulate NGT insertion and render the feedback forces through a haptic device. Two methods were used to calculate the force needed. The first method was "Engineering Mechanics", which involves the numerical calculation of the forces between the NGT and the nasogastric passage as if they were structures in engineering design. The other was the "Expert System", leveraging the knowledge and experience of expert nursing professionals to compute the forces. Using these methods, the system can simulate the insertion forces at different locations along the nasogastric passage, as well as the static and dynamic friction between the NGT and the nasogastric passage during the insertion process.

This computerised simulation can provide students with safe, standardised, repeatable and self-paced training with interactive feedback like gag and coughing reflexes of the simulator during NGT insertion, for more realistic experiential learning and performance evaluation. In addition, a graphical user interface is specifically built into the system to visually and virtually display the tube's position inside the body, so as to facilitate cognitive and psycho-motor training in this blind process. Quantitative measurements, in terms of completion time and insertion force applied during the virtual NGT placement, provide students with feedback on how well they perform the NGT placement. These functions and learning occasions are not possible with conventional training using mannequins.

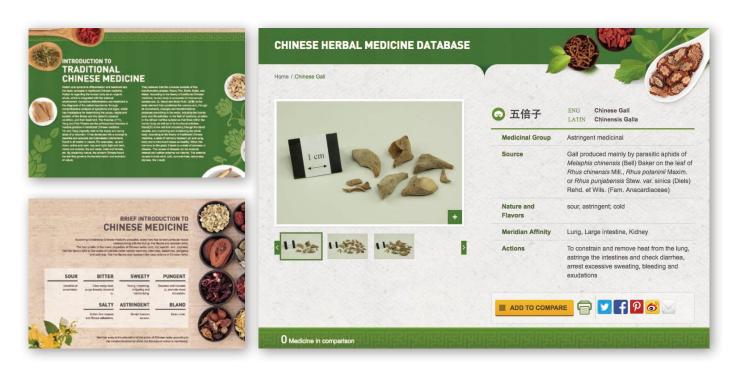
Nursing professionals and academics have commented positively that the computer-generated forces of the system are similar to what they experience during actual NGT placement in real patients. The system will therefore enhance students' skills in NGT placement and advance clinical nursing education. To evaluate training effectiveness, the School of Nursing at PolyU is planning to conduct a pilot run in the 2016/17 academic year to enable students to use this system as a training platform to supplement the conventional training approach. The research team will also enhance the features of the system by adding other simulated insertion outcomes such as the coiling of the NGT inside the mouth during insertion and vigorous bodily responses and movements of the virtual patient, as well as developing another high-fidelity simulator for training in the insertion of a urinary catheter.

Unveiling Chinese Treasure: An new online database of Chinese medicinal herbs



A new website and an online database of Chinese medicinal herbs were launched in February 2016. The website and database are funded by the Angel S.P. Chan Lau Endowed Professorship in Health and Longevity. It contains information and pictures of more than four hundred types of commonly used Chinese medicinal herbs in Hong Kong.

The database includes identification of the source and nature of Chinese medicinal herbs, and descriptions of their actions, indications and effects. It provides a convenient platform enabling users to comprehensively study Chinese medicinal herbs, and it facilitates teaching and learning in traditional Chinese medicine nursing.



For more information, please visit http://herbaltcm.sn.polyu.edu.hk/

Stay at home, Connect to the World: Internationalisation at Home



To increase the number of students with international exposure experience, Dr E. Angela Chan has been conducting international collaborative projects to examine intercultural understanding in nursing and caring.

For example, a project with Novia University of Applied Sciences, Finland (Novia UAS) recruited junior year nursing students from PolyU and Novia UAS. Learning materials were shared between the two universities via the internet, and a discussion forum was developed to engage students to exchange ideas. PolyU and Novia UAS students were paired up for joint written assignments on cultural competence in nursing. Teachers gave general guidance on the online theoretical content,

explained the desired learning outcomes, and gave assessments at the completion of the course, but the rest was left to the learners' flexibility, adaptability, and creativity. This design lent the course a degree of uncertainty for the students. They were asked to find common solutions for the problems that they discovered. The supervisors at both universities supported the students in their problem solving and also provided supportive tutorials. All students subsequently participated in a seminar via Skype, where the pairs presented to the whole group what they had learned from, about, and with each other, based on the assignment and their further reflections on the process of learning how to become culturally sensitive and competent. Students' feedback was very positive in their intercultural learning. The intention was to allow them to learn about each other's values, meanings, and beliefs concerning health, well-being, caring, and nursing.

This notion is further implemented with another collaborative project with Malmö University (Sweden), with expanded and enhanced learning objectives and outcomes. A set of patient care scenarios from admission to discharge was developed and embedded as part of the course of Nursing Therapeutics II. Students recruited in the project were requested to discuss their plans of care, intercultural meanings and practices through three Skype sessions, followed by post-Skype meetings with local facilitators and the submission of students' reflective journals.

"Internationalisation at Home" is an innovative teaching approach, which is also one of the strategic directions of PolyU and is accorded high priority by the University Grants Committee. Issues such as logistics, the length

of the programme, the pairing of students, facilitation, interdependent assignment, and so on should be considered when applying this teaching approach to future curriculum design.



Networking and Service Development

Developing Nursing Networks in East Asia: Organiser of the 20th EAFONS

The School is the convenor of the EAFONS Committee. The 20th East Asian Forum of Nursing Scholars (EAFONS) will be held in Hong Kong from 9 to 10 March, 2017, and the School has taken up a role as the organiser of the event.

With its theme, "Globalisation and Research in Doctoral Nursing Education", this conference aims to elicit questions and start dialogues about doctoral nursing education, doctoral research, and the effect of globalisation. Participants will share their insights and diverse perspectives, examine how research in doctoral education enhances the professionalisation of nursing, explore future global trends in doctoral nursing education, and develop nursing networks.

The keynote speakers of the conference include Professor Azita Emami, Dean and Professor, School of Nursing, University of Washington, USA, and Professor Sonja McIlfatrick, Professor of Nursing, School of Nursing, University of Ulster, UK, and President of the International Network for Doctoral Education in Nursing.

EAFONS was initiated in 1997 by Prof. Ida Martinson and her colleagues at the School of Nursing (formerly the Department of Nursing and Health Sciences) of The Hong Kong Polytechnic University. It aims to provide a regular regional forum for doctoral prepared nurse academics and their students. Since 1997, forums have been held annually in Hong Kong, South Korea, Singapore, Thailand, the Philippines, Taiwan and Japan. The 1st, 7th and 13th EAFONS were held in Hong Kong.



For more information, please visit http://sn.polyu.edu.hk/eafons2017

Serving the Community: Sex Therapy Service and Pain Management Service

The Integrative Health Clinic (IHC) is a centre for nursing research, education and health services. Conventional nursing concepts, adherence to evidence-based practice, an interdisciplinary approach, and integrating Western and Eastern healthcare modalities are applied to offer integrative health management and health protection services in one clinic.

In 2016, IHC has added two clinical services namely:

Pain Management Service: This service aims to provide pain management services to individuals with pain and associated physical and psychological problems, applying non-drug approaches to managing pain, such as music therapy, multisensory stimulation, aromatic foot reflexology, and traditional Chinese medicine, which cater to the needs and health problems of different people.

Sex Therapy Service: This service is conducted by experienced registered nurses and certified sex therapists to provide sex education to schools, sex life talks to the community, and sex counselling and therapy to couples. Sex therapists works with couple to help them identify the difficulties in their love life and embrace techniques in sexuality that can help them to improve their physical intimacy and couple relationship.

Generous Donations from Partners

Advancing Community Nursing and Collaborative Partnerships: Donation from Galaxy Entertainment Group

The School has obtained funding of HK\$ 3 million from the Galaxy Entertainment Group Foundation, under the "GEG Enhancement of the Nursing Profession in Macao" project, for research partnership and scholarly collaboration with the School of Health Sciences of Macao Polytechnic Institute and Kiang Wu Nursing College of Macau, and advancing the community nursing profession and development of nursing research and publications in the field. This donation will be used for further engagement in research and scholarly activities between Hong Kong and Macau, and to enhance nursing professional development in both cities.

Pioneering Education

Admissions



PolyU Nursing Programme Remains First Choice Among JUPAS Applicants

The School's admission statistics released in August 2016 show that our undergraduate nursing programmes have remained competitive in the 2016/2017 JUPAS admission exercise. The School's BSc (Hons) in Nursing programme (53455) ranked first among 30 JUPAS programmes within the health sciences discipline based on the total number of Band A applications. The ranking of our BSc (Hons) in Mental Health Nursing programme dropped three places from 8 in 2015/16 to 11 this year. The average admission score* of the BSc (Hons) in Nursing (53455) programme is 23.9 (vs. 24.1 in 2015), and that of the BSc (Hons) in Mental Health Nursing programme is 22.6 (vs. 22.8 in 2015).

There has been an overall decrease in the total number of applicants for most PolyU undergraduate programmes, including ours. The total number of JUPAS applicants for the BSc (Hons) in Nursing programme (53455) dropped by 21.5% from 9,087 in 2015 to 7,136 in 2016. Applicants to the BSc (Hons) in Mental Health Nursing programme dropped by 15.7% from 6,381 in 2015 to 5,382 in 2016.

A total of 283 students have been admitted into the two UGC-funded undergraduate nursing degree programmes in 2016/17. This intake quota is the same as last year. For our self-financed programmes, 160 students have been enrolled this year (vs. 333 in 2015/16). The Master of

Nursing programme has recorded a full enrolment (40 intake quotas), with 188 applicants in total (nearly 5 times higher than its intake quotas).



*The average admission scores were calculated based on students' Hong Kong Diploma of Secondary Education examination results in Chinese language and English language, plus their best three subjects.

Overseas Service-Learning

Integrating Service-Learning into Nursing Education: Integrated ABC Framework for Overcoming Lifestyle Challenges in Cambodia



o integrate the concept of service-learning into nursing education, Ms Phyllis Pang (the Subject Leader) and her team have been delivering the course *Healthy Lifestyle Challenges in Developing Communities* (SN2S03) since 2014.

PolyU believes that service-learning enables students to be better equipped in terms of team building, critical thinking, problem solving, communication, and a global outlook. The integration of service-learning via experiential learning empowers students to care for clients using a holistic approach (Affective Learning), apply their ability and practise their skills in challenging situations (Behavioural Learning), and realise how knowledge can be applied and adapted to accomplish care in the real world (Cognitive Learning).

The first service-learning trip to Cambodia was undertaken by the School in the summer of 2015. In 2016, the "Integrated ABC Framework in Overcoming Lifestyle Challenges in Cambodia" project was carried out to engage postsecondary students from Hong Kong, mainland China and Cambodia in mobilising and optimising resources in Cambodia's slum areas, where healthcare resources are limited. It was also an attempt to enhance team-building capacities, critical thinking, problem-solving skills, communication skills, and the global outlook of our students through service-learning.

Before launching the project, Ms Phyllis Pang and her team equipped their service-learning students on the SN2S03 subject with the necessary skills to eliminate health risk behaviours and promote healthy lifestyles in vulnerable communities.

In July 2016, Ms Phyllis Pang led a group of 20 students to visit the Sen Sok slum area in Cambodia. They conducted health needs assessment and health promotion activities on 98 service recipients. Students were impressed by these service-learning experiences and demonstrated significant improvement in needs assessment, health promotion, problem solving and leadership skills. This project received PolyU's 2nd Improving the Student Experience Award.

Students visit a slum in Sen Sok to prepare themselves for delivering services.



Students deliver a health talk on prevention of diarrheal disease and perform towel exercises with senior villagers in Som Rong village.

Student Exchange Programmes

he School continues strive to nurture students' global vision by establishing collaborative networks among the world's top nursing institutions to provide more student exchange opportunities for students.

In 2016, the School collaborated with partner universities and hospitals to provide 20 student exchange programmes for our students between May and August. Nine and 11 exchange programmes were conducted in mainland China and overseas countries respectively. A total of 104 nursing students participated in these exchange programmes. Fiftyfour students joined the exchange programmes in mainland China and another 50 took part in those in overseas countries. The School is committed to broadening students' international perspective through exchange programmes in mainland China and overseas.

The School also organised 4 inbound student exchange programmes for nursing students coming from our partner institutions. Two were held in July and September respectively, and there were 73 participants in total. In addition, two second-year students studying for their Bachelor's of Nursing at La Trobe University in Australia participated in a 3-week clinical placement exchange programme in November. Finally, a second-year student studying in the Bachelor of Nursing programme at Queensland University of Technology in Australia was on a full-semester exchange study at the School from September to December.

Inbound Student Exchange Programmes

3 weeks Inbound Exchange Programme

(consisting of one-week online segment and two-week face-to-face segment)



Representatives from Institut et Haute Ecole de la Santé La Source -Lausanne (Switzerland) and from the West China School of Nursing of Sichuan University

1 week Inbound Exchange Programme

Japanese students from University (SPU) and University (OPU) visiting

Saitama Prefectural

the School's Herbal Medicine Learning

Inbound Clinical Placement



Full-semester Exchange Study



Welcome lunch with scholar from Queensland University of Technology in Australia and students from La Trobe

Outbound Student Exchange Programmes

The scope of the outbound student exchange programmes has been progressively extended to cover more countries, including Norway, Switzerland and Thailand. The outbound student exchange programmes in 2016 are listed below:

Outbound Student Exchange Programmes 2016

➤ Hangzhou, Mainland China

Hangzhou Seventh People's Hospital
杭州市第七人民醫院

Clinical Placement

No. of Participants: 9



Y Hangzhou, Mainland China
Zhejiang Chinese Medical University
浙江中醫藥大學
Zhejiang Hospital of Traditional
Chinese Medicine
(浙江省中醫院)
Clinical Placement

No. of Participants: 3

Sichuan University 四川大學 West China Hospital (華西醫院) Clinical Placement No. of Participants: 7

▼ Chengdu, Mainland China



▲ Hangzhou,
Mainland China
Hangzhou First People's
Hospital
杭州市第一人民醫院
Clinical Placement
No. of Participants: 3





▲ Hangzhou, Mainland China Zhejiang University School of Medicine* 浙江大學醫學院 Sir Run Run Shaw Hospital(邵逸夫醫院)

Clinical Placement
No. of Participants: 3
*In collaboration with FHSS

A Beijing, Mainland China Beijing Hui Long Guan Hospital 北京迴龍觀醫院 Clinical Placement No. of Participants: 9



Saitama Prefectural University Department of Nursing
Short Exchange Visit No. of Participants: 6

▼ Indonesia Riau University **Short Exchange Visit** No. of Participants: 1





 ✓ Wuxi, Mainland China Wuxi Medical School, Jiangnan University 江南大學無錫醫學院 Clinical Placement No. of Participants: 4



▲ Shanghai, Mainland China Fudan University 復旦大學 Huadong Hospital (華東醫院) **Clinical Placement** No. of Participants: 12



A Beijing, Mainland China Beijing Hospital* 北京醫院 **Clinical Placement** No. of Participants: 4 *In collaboration with FHSS



▲ United Kingdom

Edinburgh Napier University

Faculty of Nursing

Short Exchange Visit

No. of Participants: 4



▲ United Kingdom

Coventry University

Department of Nursing and Health Studies

Clinical Placement

No. of Participants: 11



▲ United Kingdom
University of Worcester
Clinical Placement
No. of Participants: 8







▲ United States of America **Alverno College** JoAnn McGrath School of Nursing **Exchange Programme** No. of Participants: 3



A Switzerland
University of Applied Sciences
and Arts Western Switzerland
Exchange Programme
No. of Participants: 3



Below is a list of our exchange partners in 2016 and potential future exchange partners.

List of Exchange Partners in 2016



Australia

La Trobe University

Queensland University of **Technology**

University of Wollongong Faculty of Science, Medicine and Health



University of São Paulo Ribeirão Preto College of Nursing



Denmark

Metropolitan University College Department of Nursing



Germany

University of Applied Sciences - Hochschule Osnabrück

The Faculty of Management, Culture and Technology and Faculty of Business Management and Social Sciences



Indonesia

Riau University School of Nursing



Japan

Okayama Prefectural University Department of Nursing Science

Saitama Prefectural University

University of Hyogo

College of Nursing Art and Science and Research Institute of Nursing Care for People and Community

University of Tokyo Faculty of Medicine



Mainland China

Beijing Hospital* 北京醫院

Beijing Hui Long Guan Hospital 北京迴龍觀醫院

Fudan University 復旦大學

Huadong Hospital (華東醫院)

Fujian University of **Traditional Chinese Medicine** 福建中醫藥大學

School of Nursing (護理學院)

Hangzhou First People's Hospital 杭州市第一人民醫院

Hangzhou Seventh People's Hospital

杭州市第七人民醫院

Huazhong University of Science & Technology, Tongji Medical College 華中科技大學同濟醫學院

School of Nursing (護理學院)

Jiangnan University 江南大學

Wuxi Medical School (無錫醫學院)

Shandong University 山東大學 School of Nursing

(護理學院)

Zhejiang Chinese Medical University

浙江中醫藥大學

Zhejiang Hospital of Traditional Chinese Medicine (浙江省中醫院)

jiang University City College 浙江大學城市學院

Zhejiang University School of Medicine* 浙江大學醫學院

Sir Run Run Shaw Hospital (邵逸夫醫院)



Singapore

National University of Singapore

Alice Lee Centre for Nursing Studies



Sweden

Karolinska Institutet

Lund University



Switzerland

Institut et Haute Ecole de la Santé La Source International Affairs Office



Taiwan

Taipei Medical University 台北醫學大學 College of Nursing (護理學院)



Thailand

Praboromarajchanok Institute for Health Workforce Development (PIHWD) & Boromarajonani College of Nursing Changwat Nonthaburi

Chiang Mai University Faculty of Nursing Mahidol University Faculty of Nursing

Faculty of Nursing
Naresuan University



UK

International Partnership and Development Department

Canterbury Christ Church University

Coventry University

Coventry University Higher Education Corporation

The University Court of Edinburgh Napier University

University of Brighton

University of Manchester

The Humanitarian and Conflict Response Institute

University of Worcester



USA

Alverno College

JoAnn McGrath School of Nursing

Keiser University

University of California, San Francisco

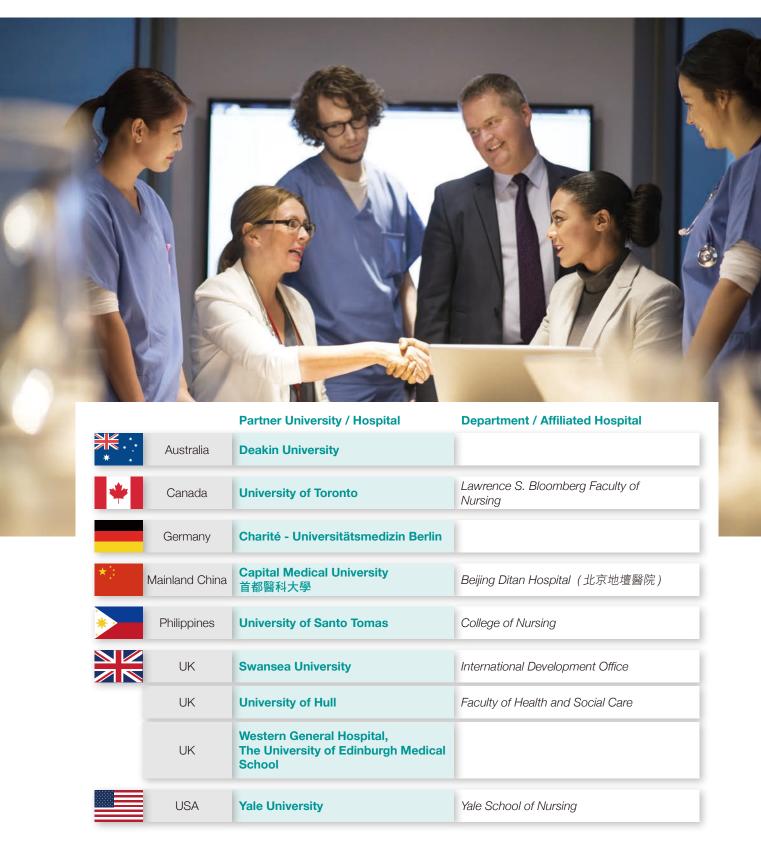
School of Nursing

University of Illinois

College of Nursing

*In collaboration with FHSS

List of Potential Exchange Partners



Clinical Placements

Seminar on Inpatient Medication Order Entry (IPMOE)

A seminar on Inpatient Medication Order Entry (IPMOE) was conducted with the aim of teaching the students more about the implementation of the IPMOE and to facilitate their clinical learning in hospitals under the Hospital Authority. The BSc (Hons) in Nursing (53055 & 53455) and Higher Diploma of Nursing programme students participated in the seminar.

Pre-Clinical Workshop of Administration of Medication (PCW-AOM)

A pilot project entitled "Pre-Clinical Workshop of Administration of Medication" was conducted between March and April 2016, covering the essential nursing skills of administration of medication such as oral medication and intramuscular injection. Twenty-nine workshop sessions were arranged for students after they had gained the respective knowledge under the subject "Fundamentals of Nursing Therapeutics (SN2122)". Participating students all replied that their clinical and communication skills had been strengthened by joining these sessions.

Familiarisation with Clinical Services

In order to familiarise students with different clinical services in Hong Kong and prepare them for specialty placement in the hospitals under the Hospital Authority, the Clinical Education Team organised an activity named 'Familiarisation with Clinical Services' for students on the pre-registration programmes. Students visited the Intensive Care Unit, Infectious Diseases Centre, Oncology Out-patient Services, Cluster Central Sterile Services Department, hospital mortuary service, and rehabilitation ward of PMH and the Lai King Building, as well as the Accident and Emergency Department of North Lantau Hospital.







Clinical Partners

A total of 45 clinical partners, including hospitals under the Hospital Authority, private hospitals, government departments and non-government organisations, collaborated with SN to provide clinical placement opportunities for both general nursing and mental health students in 2016.

Table 2: List of Clinical Partners in 2016



Public Hospitals Under Hospital Authority

Hong Kong East Cluster

■ Pamela Youde Nethersole Eastern Hospital ■ General Nursing & Mental Health Nursing

Hong Kong West Cluster

■ Queen Mary Hospital ■ General Nursing & Mental Health Nursing

Kowloon Central Cluster

- Hong Kong Red Cross Blood Transfusion Service General Nursing
- Kowloon Hospital General Nursing & Mental Health Nursing
- Queen Elizabeth Hospital General Nursing

Kowloon East Cluster

- Tseung Kwan O Hospital General Nursing
- United Christian Hospital General Nursing & Mental Health Nursing

Kowloon West Cluster*

- Caritas Medical Centre General Nursing
- Kwai Chung Hospital Mental Health Nursing
- Kwong Wah Hospital General Nursing
- North Lantau Hospital General Nursing
- Our Lady of Maryknoll Hospital General Nursing
- Princess Margaret Hospital General Nursing
- TWGHs Wong Tai Sin Hospital General Nursing
- Yan Chai Hospital General Nursing

New Territories East Cluster

- Prince of Wales Hospital General Nursing
- North District Hospital General Nursing
- Alice Ho Miu Ling Nethersole Hospital General Nursing

New Territories West Cluster

- Tuen Mun Hospital General Nursing
- Pok Oi Hospital General Nursing
- Castle Peak Hospital Mental Health Nursing



Private Hospital

■ Hong Kong Sanatorium & Hospital ■ General Nursing



Government Department

■ Public Health Nursing Division, Department of Health
■ General Nursing



NGOs / Colleges

- Angel of Diabetic Limited General Nursing
- Association for Engineering and Medical Volunteer Services General Nursing
- Caritas Community Development Service General Nursing
- Caritas Lai Chi Kok Worker's Centre General Nursing
- Christian Family Service Centre General Nursing
- Community CareAge Foundation General Nursing
- Community Health Organisation for Intervention, Care and Empowerment Limited (C.H.O.I.C.E.) General Nursing
- Community Service Sub-Committees of the Federation of PolyU Alumni Association
 General Nursing
- Dr. Lam Chik Suen District Elderly Community Centre, Hong Kong Sheng Kung Hui Lady MacLehose Centre General Nursing
- Hong Kong Alzheimer's Disease Association
 General Nursing
- Hong Kong Federation of Women's Centres General Nursing
- Hong Kong Housing Society General Nursing
- Playright Children's Play Association General Nursing
- Rotary Club of New Territories General Nursing
- Student Support Services, Po Leung Kuk General Nursing
- The Salvation Army General Nursing
- TWGHs Integrated Centre on Smoking Cessation General Nursing
- University Health Service, The Hong Kong Polytechnic University
 General Nursing
- World Health Organization Collaborating Centre for Community Health Services, School of Nursing, The Hong Kong Polytechnic University ■ General Nursing
- New Life Psychiatric Rehabilitation Association Mental Health Nursing
- Richmond Fellowship of Hong Kong Mental Health Nursing
- The Providence Garden for Rehab, Hong Kong Sheng Kung Hui Welfare Council Limited
- Mental Health Nursing

^{*} The main supporting cluster for the clinical placement of PolyU, SN

Clinical Staff Pre-Clinical Visits

To better understand the new healthcare-related technologies and the new nursing procedures in the clinical settings, our clinical staff participated in the following pre-clinical visits in 2016.

List of Pre-clinical Visit in 2016

Pre-clinical Supervision Duty Visit

Clinical Venue:

Yan Chai Hospital

Participant:

5 Clinical Associates and Clinical Instructors

20 September 2016

Pre-clinical Supervision Duty Visit

Clinical Venue:

Princess Margaret Hospital

Participant:

2 Clinical Instructors



19-20 April 2016

Pre-clinical Supervision Duty Visit

Clinical Venue:

Our Lady of Maryknoll Hospital

Participant:

3 Assistant Professors and Lecturer

3 and 16 May 2016

Clinical Visit

Clinical Venue:

United Christian Hospital

Participant:

6 Programme Leaders, Deputy Programme Leader, Clinical Coordinator, Clinical Associates and Clinical Instructor



7 April 2016

Clinical Education Strategic Planning Workshop

The School organised a one-day clinical education strategic planning workshop (2016) in July 2016. Hospital coordinators and principals of nursing schools participated in the workshop to discuss and share their views on clinical education, integration of the clinical placement framework, and opportunities for inter-professional learning. Strategic directions and initiatives related to strengthening the communication skills of undergraduates, improving their clinical performance, and intensifying collaboration with Honorary Clinical Instructors and hospitals were recommended.





INTERDISCIPLINARY RESEARCH

Four Research Themes

he School aims to become internationally recognised for excellence in applied research, teaching and community healthcare services, and is already renowned for its research in the following areas:

Research Theme	Ageing and Health	Family and Community Health	Mental Health Care	Transitional, Supportive & Palliative Care
Theme Leader	Prof. Claudia Lai	Prof. Alice Yuen Loke	Prof. Maritta Valimaki	Prof. Frances Kam Yuet Wong
Research Priority Areas	 Frailty Community and long-term care Dementia care 	 Child and adolescent health Family health Community health 	 Interventions for people with Severe Mental Illness (SMI) Challenging relationships, social adversity, and mental health 	 Symptom management in cancer, palliative care and lifelimiting illnesses Traditional Chinese medicine and complementary therapies Models of care delivery with a focus on transitional care and community-based chronic disease management
Related Centres		Cent	re for Smart Health	
	Centre for Gerontological Nursing	 WHO Collaborating Centre for Community Health Services Squina International Center for Infection Control 		
	創 To Ex	School of Nursing 新護理 (cel in Nursing for	護理學院 惠 澤 全	

A. Ageing and Health

The key research foci of the group are around three areas: frailty, community and long-term care, and dementia care. Researchers in this theme are dedicated to advancing nursing practice and education, nurturing nurse leaders for the future, and improving community and long-term care for the older population in Hong Kong and Chinese societies.

Main research areas:

- Frailty with a focus on developing of models that can characterise frailty over time, identify older people at risk of frailty
 and the associated risk factors, design and test interventions or programmes to minimise negative clinical and socioeconomical outcomes.
- Community and long-term care with a focus on improving the physical and psychological well-being and quality of life of older people and their families.
- Dementia care with a focus on developing innovative intervention strategies that enable people with dementia to manage their behavioural and psychological symptoms.



Research Theme Leader

Claudia Lai (Prof.) Professor

BHS (C.Sturt); MN (Tor.); PhD (H.K.); PRegDip(N) (HK Poly); RM (HK); RN (HK); SCM (UKCC); SRN (UKCC); FAAN

Completed Projects in 2016

Project Title	Principal Investigator (PI)/ Rep. PI	Project Duration (Months)	Funding Source	Total Grant (HK\$)
A Project of Music Intervention for People with Dementia and Their Family Caregivers	Prof. LAI Kam Yuk	28	Ho Cheung Shuk Yuen Charitable Foundation	1,093,455
Implementation of Observational Pain Management Protocol to Improve Pain Management for Long-term Institutionalized Older Care Home Residents with Dementia: A Randomized Controlled Trial	Dr LIU Yat Wa Justina	36	RGC Early Career Scheme	669,000
A Study to Review Clinical Practice Issues of the Aged Homes of the Yuen Yuen Institute to Enhance Quality Residential Care	Prof. LAI Kam Yuk	16	The Yuen Yuen Institute Social Service Department	496,447
The Effect of Horticultural Therapy (HT) for Frail Older People in Residential Care	Prof. LAI Kam Yuk	26	Pok Oi Hospital	376,908
Counseling Service and Research Study in End of Life Care and Advance Care Planning	Dr KWONG Wai Yung	26	Haven of Hope Christian Service	312,000
Combined Psycho-education and Individualized Exercise Programme for Managing Fatigue in Community-dwelling Frail Older People: A Pilot Study	Dr LIU Yat Wa Justina	18	Departmental General Research Fund	166,500
Healthy Living Programme (HLP): Diet, Drug and Fall Prevention for Community- dwelling Frail Older Adults	Dr TSE Mun Yee Mimi	21	Pentecostal Church of Hong Kong	150,000

Newly Funded Projects in 2016

Project Title	Principal Investigator (PI)/ Rep. PI	Project Duration (Months)	Funding Source	Total Grant (HK\$)
Changing The Way We Prevent Diabetes: The Use of Mobile Application	Dr LEUNG Yee Man Angela	24	Health Care and Promotion Fund	281,720
The Effects of a Simplified 10-step Tai-chi Programme on the Motor Performance and Fall Prevention of Community- dwelling Older People with Dementia (PWD): A Pilot Cluster RCT Study	amme on the Motor Performance all Prevention of Community- Dr LIU Yat Wa Justina Departmental Earnings, SN		'	196,800
Play Intervention for Enhancing Cognitive Functions of People with Dementia: A Feasibility Study	Dr CHEUNG Sze Ki	18	Departmental Earnings, SN	194,368
Collaboration Proposal for Pain and Related Situations among Frail Older Adults in Yan Chai Hospital: A Cross- sectional Study	Dr TSE Mun Yee Mimi	15	Yan Chai Hospital	120,000
Frailty, Vitamin D and Biomarkers in Chinese Older Adults: A Pilot Study	Dr LEUNG Yee Man Angela	24	Central Research Grant	105,000
Project on Medication Adherence and Health Literacy	Dr LEUNG Yee Man Angela	5	Hong Kong Housing Society	99,475

tudent Name	Award	Project Title	Supervisory Team
KWAN Yiu Cho	PhD	The Effect of Acupressure for Managing Agitation in Nursing Home Residents with Dementia: Randomized Controlled Trial	Chief-supervisor: Prof. Claudia Lai Co-supervisor: Dr Chin Pang Leung

B. Family and Community Health

This research theme embraces an orientation towards health, focusing on the populations at risk of ill health and engaging in research aiming at health promotion for all in the context of family, school, workplace, and community.

Main research areas:

- Child and adolescent health with a focus on promoting health, mental wellbeing, and healthy behaviours for children and adolescents in the family, school and community settings.
- Family health with a focus on studies of the health of women as mothers, men as fathers, parenting transitions and experience, families as the source of social support, partner support, and the sense of coherence in families.
- Community health with a focus on developing and disseminating knowledge and information relating to health
 threats to the community. Studies are developed and implemented to evaluate strategies that protect and strengthen
 resilience at the personal and community levels.



Research Theme Leader

Alice Yuen Loke (Prof.)

Professor & Associate Head (Postgraduate Education)

PhD [The University of Hong Kong-Community Medicine and Behavioral Science]; MN & BSN [Louisiana State University Medical Center [USA]; RN (HK)

Completed Projects in 2016

Project Title	Principal Investigator (PI)/ Rep. PI	Project Duration (Months)	Funding Source	Total Grant (HK\$)
Evaluation of a Multidimensional Programme for Reducing Work-related Musculoskeletal Disorders among Nursing Assistants in Nursing Homes: A Cluster Randomized Control Trial	Dr CHEUNG Kin	36	RGC General Research Fund	930,700
The Effect of A Father Inclusive Psychoeducation Program On Postnatal Depression: A Randomized Controlled trial	Dr NGAl Fei Wan	36	RGC General Research Fund	547,834
Developing a Brotherhood Team- approached Health Promotion Programme for Firefighters: A Pilot Study	Dr CHEUNG Kin	36	Departmental General Research Fund	200,000
Impact of Increased Influenza and Pneumococcal Vaccine Coverage on the Burden of Influenza in the Elderly: A Comparison between Hong Kong and Brisbane	Dr YANG Lin	30	Health and Medical Research Fund (HMRF)	158,824
Influenza Vaccination in Household Contacts of Community-dwelling Elderly Diabetic Patients: A Pilot Study	Dr YANG Lin	24	Departmental General Research Fund	155,000
Acceptability and Potential Efficacy of a Randomised, Double-blinded, Sham- controlled Trial of Auricular Acupressure for Smoking Cessation: A Pilot Study	Dr MAK Yim Wah	30	Departmental General Research Fund	150,000
Intuitive Design System for Accurate Placement Bone Fracture Fixation Plates	Dr CHOI Kup Sze	21	Departmental General Research Fund	148,000

Project Title	Principal Investigator (PI)/ Rep. PI	Project Duration (Months)	Funding Source	Total Grant (HK\$)
Advancing Brain-computer Interfaces with Machine Learning, Haptics and Virtual Reality	Dr CHOI Kup Sze	12	Central Research Grant	105,000
Evaluating Effects of Theater Production Advocating Smoke-free Life by School Health Ambassadors	Prof. LOKE YUEN Jean Tak Alice	30	Central Research Grant	105,000
In Vivo Live Imaging Mice Bladder Cancer Model for Testing Anti-cancer Agents	Dr YUEN Wai Man	36	Central Research Grant	105,000
Preliminary Studies to Determine Acceptability and Feasibility of Use of Alcohol Products for Hand Hygiene and Evaluation of an Education Programme for Improving Hand Hygiene Compliance and Reducing Hand and Near-patient Environmental Contamination in Elderly Subjects in Long Term Care.	Dr O'DONOGHUE Margaret May	18	One-line Budget, SN	101,956
Prevalence of Carriage and Characterisation of Strains of Staphylococcus Aureus from Elderly Living in the Community	Dr O'DONOGHUE Margaret May	24	Centre for Infection Control	100,000
Burden of Influenza-like Illness and Healthcare Utilization of the Hong Kong General Population	Dr YANG Lin	29	Centre for Infection Control	98,000
Experience of post-discharge community life of patients with mental illness from the Integrated Community Centre for Mental Wellness (ICCMW): A qualitative exploration	Dr CHIANG Chung Lim Vico	12	Health and Medical Research Fund (HMRF)	79,920
Effectiveness of Ultraviolet-C (UV-C) Irradiation for Inactivation of Multi-drug Resistant Organisms	Dr O'DONOGHUE Margaret May	6	Centre for Infection Control	60,000
Factors Affecting Breast and Prostate Cancer Survivors' Work Ability: A Pilot Study	Dr CHEUNG Kin	45	Departmental General Research Fund	51,500
Studying the Effectiveness and Efficacy of Using JUC Antimicrobial Spray for Controlling the Infection Transmission	Dr YUEN Wai Man	42	NMS Technologies Co. Ltd.	50,000

Newly Funded Projects in 2016

Project Title	Principal Investigator (PI)/ Rep. PI	Project Duration (Months)	Funding Source	Total Grant (HK\$)
A Longitudinal Cohort Study On Physical And Mental Health Of Hidden Youths And Adults Living With Hikikomori (Hermetic) Lifestyle	Dr YUEN Wai Man	24	Health and Medical Research Fund (HMRF)	950,834
Effects of Indoor Environmental Factors on Influenza Like Illness in the Older Population of Hong Kong	Dr YANG Lin	36	RGC Early Career Scheme	814,662
Evaluation of the Efficacy of a Simplified 5-Step Hand Washing Intervention Program Versus the Conventional Hand Washing (7-Step) Program for Students with Mild Grade Intellectual Disability: A Clustered Randomized Controlled Non-inferior Trial	Dr LEE Regina Lai Tong	30	RGC General Research Fund	668,688
Develop a Clinical Risk Assessment Tool for Osteoporosis Screening in Hong Kong Chinese Adults	Dr XIE Yaojie	18	Departmental Earnings, SN	200,000
A Pilot Randomized Controlled Trial to Test the Complementary Therapeutic Efficacy of Tai Chi for the Prophylaxis of Episodic Migraine in Chinese Women	Dr XIE Yaojie	15	Departmental General Research Fund	150,050
Evaluation of the Efficacy of a 12-month, Simplified 5-step Hand Hygiene Program Extended to a Home-based Program via eHealth Edutainment Versus the Conventional Face-to-face Alone Teaching Method for Preschoolers: A Cluster Randomized Controlled Trial	Dr LEE Regina Lai Tong	24	Central Research Grant	105,000
Raising Awareness Of Disaster Risk And Personal Protection Among Teenagers In Hong Kong.	Dr FUNG Wai Man Olivia	12	Health and Medical Research Fund (HMRF)	99,399

C. Mental Health Care

This research team is committed to building capacity and developing a strong research profile in the field of mental health care that is closely linked to local, regional, and international mental health needs, services, and education.

Main research areas:

- Interventions for people with Severe Mental Illnesses (SMI): scientific evidence and essential skills are needed to
 develop, test and establish physical and psychosocial interventions for people with SMI and their families, to improve
 self-management and patient and illness outcomes.
- Challenging relationships, social adversity and mental health, with a focus on understanding the causes, risk factors, and mental health sequelae associated with challenging relationships and social adversities.



Research Theme Leader

Valimaki Maritta (Prof.) Professor

Docent [Tampere, FI]; PhD [Turku, FI]; LicNSc [Turku, FI]; MNSc [Turku, FI]; Specialized Nurse [Lappeenranta, FI]; RN [Lahti, FI]

Completed Projects in 2016

Project Title	Principal Investigator (PI)/ Rep. PI	Project Duration (Months)	Funding Source	Total Grant (HK\$)
A Randomized Controlled Trial of Problem-solving Based Bibliotherapy Program for Family Caregivers of People with Schizophrenia Spectrum Disorders	Prof. CHIEN Wai Tong	24	RGC General Research Fund	537,662
The Development of the Chinese Health Improvement Profile (CHIP) and its Efficacy in Improving the Physical Health of People Diagnosed with Severe Mental Illness	Dr BRESSINGTON Daniel Thomas	24	Start-up Fund for New Recruits	269,400

Newly Funded Projects in 2016

Project Title	Principal Investigator (PI)/ Rep. PI	Project Duration (Months)	Funding Source	Total Grant (HK\$)
A Randomized Controlled Trial of the Effectiveness of a Mindfulness-Based Psycho-Education Program for People with Recent-onset Psychosis	Prof. CHIEN Wai Tong	24	RGC General Research Fund	688,222
Power Dynamics in the Student-Teacher Relationship: the Voices of Nursing Students	Dr CHAN Chung Yee Zenobia	18	RGC General Research Fund	205,440

D. Transitional, Supportive & Palliative Care

Research priorities in three areas:

- Symptom management in cancer, palliative care and life-limiting illnesses
- Traditional Chinese medicine and complementary therapies
- Models of care delivery with a focus on transitional care and community-based chronic disease management



Research Theme Leader

Frances Kam Yuet Wong (Prof.)

BSc(Nursing) (St.Olaf); MA(Ed), PhD (C.U.H.K.); Dip(NEd) (R.C.N.); RN; SRN

Completed Projects in 2016

Project Title	Principal Investigator (PI)/ Rep. PI	Project Duration (Months)	Funding Source	Total Grant (HK\$)
Effects of a Transitional Palliative Care Model on Patients with End-stage Heart Failure			RGC General Research Fund	597,812
Investigating the Progression and Risk Factors for Chemotherapy Induced Peripheral Neuropathy	Prof. MOLASIOTIS Alexandros	40	Departmental General Research Fund	275,090
Effects of an Aging-in-place Health-social Partnership Program among Community- dwelling Older People: A Randomized Controlled Trial	Prof. WONG Kam Yuet	24	Central Research Grant	105,000
The Experiences for Receiving Auriculotherapy for Osteoarthritis Knee: A Randomised Controlled Feasibility Study	Dr SUEN Kwai Ping Lorna	24	Central Research Grant	105,000
Effects of a Multiple-component Program to Reduce Sedentary Behaviors among Young Adults: A Randomized Controlled Trial	Dr LEE Hong	24	Central Research Grant	105,000
Speaking Up for Patient Safety in ICU - A Pilot Study	Dr CHAN Engle Angela	9	Hong Kong Hospital Authority	95,400
Assessment of In-use Reliability of N95 Respirators for Respiratory Protection of Health Care Workers	Dr SUEN Kwai Ping Lorna	21	Hong Kong Infection Control Nurses' Association	93,500
Can the wActiSleep-BT Accelerometer Accurately Measure Total Sleep Time, Awake Time After Sleep, and Sleep Efficiency?	Dr LEE Hong	12	Health and Medical Research Fund (HMRF)	80,000
Adoption of Health Promoting Lifestyle among Chinese Cancer Survivors	Dr CHING Siu Yin	45	Departmental General Research Fund	51,500
Improving Continuity of Care for Patient Safety through Effective Nursing Handover Communication	Dr CHAN Engle Angela	12	Hong Kong Sanatorium & Hospital Nurses Alumni Association	20,000

Newly Funded Projects in 2016

Project Title	Principal Investigator (PI)/ Rep. PI	Project Duration (Months)	Funding Source	Total Grant (HK\$)
Effects of an Aging-in-Place Health- Social Partnership Program Among Community-Dwelling Older People: A Randomized Controlled Trial	Prof. WONG Kam Yuet	36	RGC General Research Fund	1,309,142
Smart Device Usage, Lifestyles Behaviors, Physical Fitness, and Eye Problems: A Prospective Study in Hong Kong Adolescents	Dr LEE Hong	24	Health and Medical Research Fund (HMRF)	1,166,500
Effectiveness Of Auriculotherapy On Older People With Insomnia	Dr SUEN Kwai Ping Lorna	24	Health and Medical Research Fund (HMRF)	1,016,414
A Contextualized Understanding of Nurse- Patient Communication and its Impact on Nurses' Learning and Patient Satisfaction.	Dr CHAN Engle Angela	24	RGC General Research Fund	646,008
Uncovering the Meanings of Psychosocial Care Experience of Cancer Patients and/ or their Informal Care-givers at Maggie's Cancer Caring Centre	Dr CHAN Engle Angela	28	Maggie's Cancer Caring Centre	388,088
Health and Social Impact of the Green Deck Project on the Population Living in the Neighborhood	Prof. WONG Kam Yuet	20	Green Deck Project (FHSS)	378,353
Investigating the Pathological Changes in the Brains of Mice Suffering from Chronic Kidney Disease Developed by Unilateral Ureteral Obstruction	Dr HO Yuen Shan	24	Start-up Fund for New Recruits	353,564
Evaluation of Personal Protective Equipment for Preventing Ebola Transmission in Terms of Degree of Contamination during Doffing, Protocol Violations, and Perceived Usability Level	Dr SUEN Kwai Ping Lorna	18	Centre for Infection Control	185,000
Time-varying Predictors of All-cause Mortality in Chinese Long-term Dialysis Patients	Dr LEE Hong	18	Departmental General Research Fund	150,000
Evaluation on the Effects of a Brief Hope Intervention to the Symptoms in the Chinese Cancer Rehabilitating Patients	Dr CHAN Kitty	24	Departmental General Research Fund	150,000
Determining the Role of Acupuncture in Modulation of Peripheral Oxidative Stress in Patients with Insomnia: A Randomized Placebo-Controlled Trial	Dr YEUNG Wing Fai	24	Central Research Grant	105,000

Graduated Research Student in 2016				
Student Name	Award	Project Title	Supervisory Team	
LAW Yee Shui	PhD	Understanding the Meaning of Mentoring of Newly	Chief-supervisor: Dr Engle Angela Chan	
LAVV fee Shull	PHD	Graduated Registered Nurses for Good Work in Hong Kong	Co-supervisor: Prof. Wai-tong Chien	
LV Qi Yuan	PhD	A Study Investigating the Impact and Coping of Families during Cancer Children's Hospitalization	Chief-supervisor: Dr Sarah Kong Co-supervisor: Prof. Frances Wong; Prof. Li-ming You	
ZHU Xue Jiao	PhD	Effects of Nurse-led Hypertension Management Model in Mainland China: A Randomised Controlled Trial	Chief-supervisor: Prof. Frances Wong Co-supervisor: Dr Candy Wu	



Research Centres

Four research centres have been established to facilitate and support inter-disciplinary research underpinning teaching and practice development by research theme members and other PolyU and non-PolyU collaborators.



Centre for Smart Health

Devoted to research and development towards smart health through innovations and technology



Centre Director **Dr Thomas Choi**



Deputy Centre Director **Dr Vico Chiang**



Centre for Gerontological Nursing

Dedicated to promoting the health of the elderly and their families through endeavours in research, practice and education in various healthcare settings



Centre Director **Prof. Claudia Lai**



Deputy Centre Director **Dr Angela Leung**



World Health Organization Collaborating Centre for Community Health Services 世界衛生組織社區健康服務合作中心

World Health Organization Collaborating Centre for Community Health Services

Plays a proactive role in strengthening evidence-based community health services and improving the health outcomes of local, regional and global populations



Centre Director **Prof. Alex Molasiotis**



Deputy Centre Director **Dr Regina Lee**



Squina International Centre for Infection Control

Assumes a leading role in the advancement of the specialty of infection control through professional development and training of healthcare professionals; conducting research to enhance the prevention and control of infection; and community education to promote healthy behaviours and foster healthy environments



Centre Director **Dr Lorna Suen**



Deputy Centre Director **Dr Margaret O'Donoghue**

World-Leading and High-Impact Publications

Use of the Modified Borg Scale and Numerical Rating Scale to Measure Chronic Breathlessness



Alex Molasiotis (Prof.)

Angel S.P. Chan Lau Professor in Health & Longevity
Chair Professor of Nursing and Head
Director of WHO Collaborating Centre for Community Health Services
PhD [Birmingham (U.K.)]; MSc [Hull (U.K.)]; BSc [Iraklio, Greece]; RGN (1st Level); RN (U.K.)



Paul Lee (Dr)
Assistant Professor
BSocSc (HKU); PhD (HKU); PStat

This study is an international collaborative project conducted on behalf of the Breathlessness Research Interest Group (BRIG) in the UK.

The numerical rating scale (NRS) and modified Borg scale (mBorg) are used by clinicians and researchers to measure breathlessness in patients, in order to plan management and assess the effect of interventions. However, their use is affected by different factors, such as the timeframe of conducting the assessment. Patients might have a preference for mBorg scores with associated verbal descriptors.

The aims of this study were to investigate: i) whether there is a response bias against using mBorg numerical ratings that lack categorical labels, ii) whether the timeframe (average/24 hours, "worst", "now" or "at rest") of the mBorg or NRS affects participants' assessment, and iii) whether the mBorg and NRS scores are correlated.

The research team conducted a secondary analysis of pooled data from 10 studies of 1,048 participants with breathlessness due to a variety of causes. Participants had completed either the mBorg or both mBorg and the NRS. The individual distributions of mBorgs and NRSs (average, worst, now, rest, exertion) were visualised with predicted values using truncated Poisson distribution, with their corresponding mean plotted as a reference. The strength of association between mBorgs and corresponding NRSs was examined using two-way mixed intraclass correlation (consistency).

The analysis of this pooled data from people with chronic breathlessness suggests that there is a response bias in favour of mBorg responses with a verbal descriptor. This



may be due to the mBorg's stem question: "Choose a number whose words best describe...".

There is a participant response bias against using numerical ratings that lack categorical labels, in which case the scale would 'lose' the ratio properties that mBorg wanted to preserve. Therefore, the study suggests that given the non-controlled conditions in chronic breathlessness clinical studies, using the NRS is recommended.

The theoretical advantages of the mBorg scale under known and scalable stimulus conditions (e.g., in pulmonary rehabilitation programmes or cardiopulmonary exercise testing) are not necessarily maintained in less-controlled clinical studies. A change in the mBorg stem question should be considered and tested. The NRS scale should be used in preference, except for people with very severe breathlessness. The context of "point in time" measures should be clearly stated on measure completion.

Johnson, M.J., Close, L., Gillon, S.C., **Molasiotis, A., Lee, P.H.**, Farquhar, M.C. (2016). Use of the modified Borg scale and numerical rating scale to measure chronic breathlessness: a pooled data analysis. *European Respiratory Journal*, 47(6), 1861-1864.

[Journal's impact factor=8.332]

Effects of a Transitional Palliative Care Model on Patients with Endstage Heart Failure



Frances Kam Yuet Wong (Prof.)
Professor [& Associate Dean (FHSS)]

BSc(Nursing) (St.Olaf); MA(Ed), PhD (CUHK); Dip(NEd) (RCN); RN; SRN

To examine the effects of home-based transitional palliative care for patients with end-stage heart failure (ESHF) after hospital discharge, Prof. Frances Wong, Dr Paul Lee, and Ms Alina Ng conducted a randomised controlled trial in three hospitals in Hong Kong.

The recruited subjects were patients with ESHF who had been discharged home from hospitals and referred for palliative service, and who met the specified inclusion criteria. The interventions consisted of weekly home visits/telephone calls in the first 4 weeks and then monthly follow-up, provided by a nurse case manager supported by a multidisciplinary team. The primary outcome measures were any readmission and count of readmissions within 4 and 12 weeks after index discharge, compared using χ^2 tests and Poisson regression, respectively. Secondarily, changes in symptoms over time between the control and intervention groups were evaluated using generalised estimating equation analyses of data collected using the Edmonton Symptom Assessment Scale (ESAS).



The intervention group (n=43) had a significantly lower readmission rate than the control group (n=41) at 12 weeks (intervention 33.6% vs control 61.0% χ^2 =6.8, p=0.009). The mean number (SE) of readmissions for the intervention and control groups was, respectively, 0.42 (0.10) and 1.10 (0.16), and the difference was significant (p=0.001). The relative risk (CI) for 12-week readmission for the intervention group was 0.55 (0.35 to 0.88). There was no significant difference in readmissions between groups at 4 weeks. However, when compared with the control group, the intervention group experienced significantly higher clinical improvement in depression (45.9% vs 16.1%, p<0.05), dyspnoea (62.2% vs 29.0%, p<0.05) and total ESAS score (73.0% vs 41.4%, p<0.05) at 4 weeks. There were significant differences between groups in changes over time in quality of life (QOL) measured by McGill QOL (p<0.05) and chronic HF (p<0.01) questionnaires.

This study provides evidence of the effectiveness of a post-discharge transitional care palliative programme in reducing readmissions and improving symptom control among patients with ESHF.

Wong, F.K.Y., Ng, A.Y., Lee, P.H., Lam, P.T., Ng, J.S., Ng, N.H. & Sham, M.M. (2016). Effects of a transitional palliative care model on patients with end-stage heart failure: a randomised controlled trial. *Heart*. Published Online First. doi: 10.1136/heartjnl-2015-308638

[Journal's impact factor = 5.693]

Nurse-led Structured Psychosocial Intervention Programme for People with First-onset Mental Illness in Psychiatric Outpatient Clinics



Wai-tong Chien (Prof.)

Professor & Associate Head (Research)

PhD (KCL); MPhil (CUHK); PGDip NEdu (HKPU); BN (Hons, CUHK); RMN (HK); RTN (HK);

FHKAN

Prof. Wai-tong Chien and Dr Daniel Bressington conducted a randomised controlled trial with a single-blinded, parallel group design to examine the effects of a nurse-led structured psychosocial intervention programme (PIP) for people with first-onset mental illness in Hong Kong. The study involved 180 participants with psychotic or mood disorders who presented mild to moderately severe symptoms and were newly referred to one of the two psychiatric outpatient clinics under study.

The four-month PIP aimed to empower patients to manage their psychiatric symptoms by enhancing their coping skills and understanding of their mental illness. The PIP intervention was provided to the participants via face-to-face individual consultation by one psychiatric advanced practice nurse (APN) in each clinic. Throughout the intervention, the participants were engaged in learning and practising coping and communication skills, which could improve their daily interactions and relationships with family members and friends by resolving challenges, conflicts and behavioural disturbances.

Patients were randomly assigned to either an eight-session nurse-led psychosocial intervention programme (plus usual care), or usual psychiatric outpatient care (both n = 90).

The primary outcome was psychiatric symptoms. Outcomes were measured at recruitment, one week and 12 months post-intervention. Patients in the psychosocial intervention group reported statistically significant improvements in psychiatric symptoms, insight into illness, and health-related quality of life, as well as length of re-hospitalisations over the 12-month follow-up, when compared to those in treatment as usual only. The findings provide evidence that the nurse-led psychosocial intervention programme can result in muchimproved patient outcomes in first-onset mental illness. The study also suggests that structured nurse-led mental health consultation could be a useful approach to early intervention in usual psychiatric care.



Chien, W.T., Bressington, D. (2015). A randomized controlled clinical trial of a nurse-led structured psychosocial intervention program for people with first-onset mental illness in psychiatric outpatient clinics. *Psychiatry Research*, 229(1-2), 277-286.

[Journal's impact factor = 2.466]

A Couple-based Complex Intervention for Chinese Spousal Caregivers and Their Partners with Advanced Cancer: A Programme of Studies according to the Medical Research Council's Framework



Alice Yuen Loke (Prof.)
Professor & Associate Head (Postgraduate Education)

PhD [The University of Hong Kong-Community Medicine and Behavioral Science]; MN & BSN [Louisiana State University Medical Center (USA)]; RN (HK)

The Medical Research Council's (MRC)¹ framework for developing and evaluating complex interventions was adopted to develop an intervention for couples coping with cancer. Three steps were taken in the process of developing the Caring for Couples Coping with Cancer (4Cs) programme, namely: (1) identifying the evidence base by conducting a series of extensive reviews of the relevant literature,²-6 and conducting a focus group study² and a cross-sectional study⁸ (2) identifying/ developing a theory by proposing a preliminary Live with Love Conceptual Framework 'P-LLCF' for cancer couple dyads³-10; and (3) modelling the process¹1-12 and outcomes¹3 of the 4Cs programme.

Guided by the Preliminary Live with Love Conceptual Framework (P-LLCF)¹⁰ for Cancer Couple Dyads, a Caring for Couples Coping with Cancer (4Cs) programme¹² was developed to support couples coping with cancer as a unit. This study examined the acceptability, feasibility, and preliminary effect of the 4Cs programme¹³.

The couple-based intervention programme adopted the approaches of Psycho-education, Skills Training, and Cognitive Behavioral Therapy. A guidebook for cancer couples, entitled 'Live with Love: Hope for the best, prepare for the worst', which had been developed based on reviews of the literature, and the P-LLCF were used to complement the group intervention. The guidebook provided cancer couples with easy access to written information on common concerns related to their coping with cancer as a dyad.

Outcome measures, including dyadic mediators (self-efficacy), dyadic appraisal (Cancer Related Communication Problem, CRCP), dyadic coping (Dyadic Coping Inventory, DCI), and dyadic outcomes (physical and mental health, negative and positive emotions, and marital satisfaction), were assessed at T0 (pre-intervention) and T1 (post-intervention). Repeated measures analysis of variance was applied in testing the outcomes of the 4Cs programme.

The recruitment and retention rates were 86.7% and 78.6% respectively. Significant improvements were seen in the couples' scores on overall (total) self-efficacy (P < 0.01), CRCP (P < 0.05), DCI (P < 0.05), the physical component summary (PCS) of SF-12 (P < 0.05), anxiety (P < 0.01), and benefit findings (P < 0.05) from T0 to T1. The spousal caregivers scored significantly higher on self-efficacy (P < 0.05), the PCS (P < 0.01), and anxiety (P < 0.05) than the patients. The overall effect sizes calculated in this study ranged from medium to small.

This study provides evidence that the 4Cs programme is acceptable, feasible, and improves outcomes in supporting Chinese couples coping with cancer as

dyads. The 4Cs programme should be included as part and parcel of the service provided to couples (and family members) when a member of their family is diagnosed with cancer, particularly for those preparing for the death of their loved one.

The findings of the 4Cs intervention programme were re-analysed using descriptive correlational analysis and structural equation modelling (SEM)¹⁴. The re-analysis showed inter-relationships among the components included in the P-LLCF: dyadic mediators, dyadic coping, dyadic appraisal, and dyadic outcomes. The SEM of all six models resulted in convergence and showed goodness of fit to the data and variables, which is supportive of the constructs in the P-LLCF, providing evidence to support the constructs in the P-LLCF. Multiple mutual effects existed between couples in the process of living and coping with cancer as dyads.

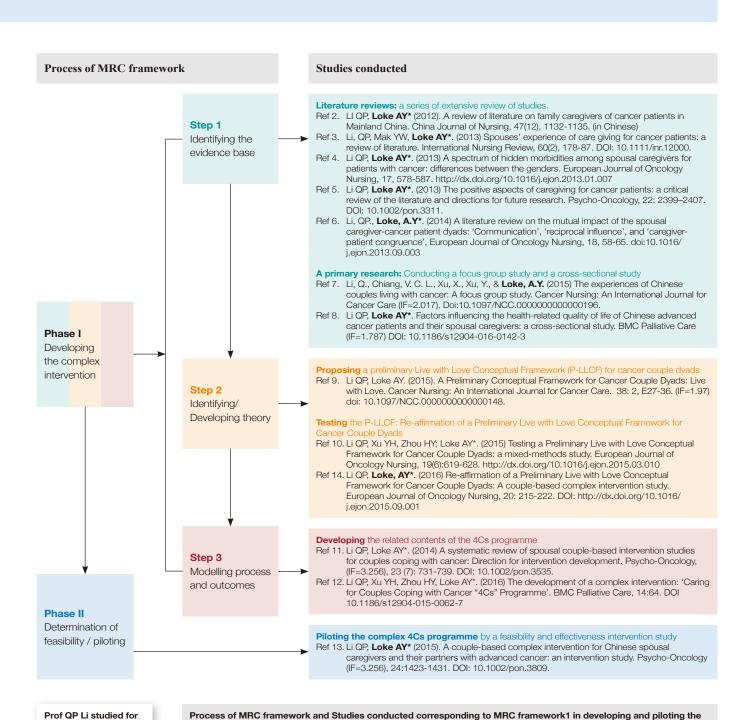
This work has attracted an invitation for a video interview and recording, "Voice of the Researchers", for inclusion by Wolters Kluwer, Inc. Publisher as part of its collective Lippincott Course Point for Polit and Beck: Essentials of Nursing Research. The article and video will be mapped to Chapter 8, entitled "Theoretical and Conceptual Frameworks", in the Polit & Beck textbook, Essentials of Nursing Research: Appraising Evidence for Nursing Practice, 8th edition.

*Li, Q., Xu, Y., Zhou, H., **Loke, A.Y.** (2015). A couple-based complex intervention for Chinese spousal caregivers and their partners with advanced cancer: an intervention study. *Psycho-Oncology, 24*(11),1423-1431. doi: 10.1002/pon.3809

[Journal's impact factor = 3.256]

*Li, Q.P., **Loke, A.Y.** (2015). A preliminary conceptual framework for cancer couple dyads: live with love. *Cancer Nursing*: An International Journal for Cancer Care. 38: 2, E27-36. doi: 10.1097/NCC.00000000000000148

[Journal's impact factor = 1.97]



Ref 1. Craig P, Dieppe P, Macintyre S, Michie S, Nazaret I, Petticrew M. (2008). Developing and evaluating complex interventions:

the new Medical Research Council guidance. BMJ 2008;337:a1655 doi: 10.1136/bmj.a1655

her PhD under the

Loke from 2012-15.

supervision of Prof AY

4Cs programme

Annual Report 2016

Research Publications

*Reporting Period (1 July 2015 to 30 June 2016)

Journal Papers

Boost, M., O'Donoghue, M., Guardabassi, L. (2015). Prevalence of carriage and characterisation of methicillin-resistant Staphylococcus aureus in slaughter pigs and personnel exposed to pork carcasses. *Hong Kong Medical Journal, 2*(7), 36-40.

Boost, M., Yau, P., Yap, M., Cho, P. (2016). Determination of cytotoxicity of traditional Chinese medicine herbs, Rhizoma coptidis, Radix scutellariae, and Cortex phellodendri, by three methods. *Contact Lens and Anterior Eye,* 39(2),128-132.

Bressington, D., Chien, W.T. (2016). Guidelines improve nurses' knowledge and confidence in diagnosis of anxiety and challenging behaviours in people with intellectual disabilities. *Evidence Based Nursing, 19*(1), 16.

Bressington, D., Mui, J., Wells, H., **Chien, W.T., Lam, C.**, White, J., Gray, R. (2016). Refocusing on physical health: Community psychiatric nurses' perceptions of using enhanced health checks for people with severe mental illness: Physical Health Checks in Mental Illness. *International Journal of Mental Health Nursing*, *25*(3), 214-224.

Bressington, D., White, J. (2015). Recovery from psychosis: physical health, antipsychotic medication and the daily dilemmas for mental health nurses: Commentary. *Journal of Psychiatric and Mental Health Nursing, 22*(7), 549-557.

Chan, A.W.K., Chair, S.Y., Sit, J.W.H., Wong, E.M.L., Lee, D.T.F., **Fung, W.M.O.** (2016). Case-based web learning versus face-to-face learning: A mixed method study on University nursing students. *Journal of Nursing Research*, 24(1), 31-40.

Chan, C.W., Leung, S.F. (2015). Validation of the Eating Disorder Examination Questionnaire: An online version. *Journal of Human Nutrition and Dietetics*, 28(6), 659-665.

Chan, C.W., Wong, F.K.Y., Yeung, S.M., Sum, F. (2016). Holistic Health Status Questionnaire: Developing a measure from a Hong Kong Chinese population. *Health and Quality of Life Outcomes, 14*,1-12.

Chan, E.A., Lai, C.K.Y. (2015). Understanding the reasons why some elderly people do not wish to tell their life stories. *Journal of Advanced Nursing, 71*(7), 1661-1671.

Chan, K., Verplanken, B., Skevington, S.M. (2016). Cross cultural application of the WHOQOL-SRPB in the Chinese community with diverse spiritual affiliations. *Social Indicators Research*, 1-22.

Chan, M.C., **Cheung, K.**, Leung, P. (2016). Tap Water Versus Sterile Normal Saline in Wound Swabbing: A Double-Blind Randomized Controlled Trial. *Journal of Wound, Ostomy and Continence Nursing, 43*(2), 140-147.

Chan, Z.C.Y. (2016). A qualitative study of freshmen's and academic advisors' perspectives on academic advising in nursing. *Nurse Education in Practice, 18*, 23-29.

Chan, Z.C.Y. (2016). Student peer reviewers' views on teaching innovations and imaginative learning. *Nurse Education Today*, 39, 155-160.

Cheung, A.H.W., **Chiang, V.C.L.**, Mok, E.S.B. (2016). The effect of rescuers' body mass index on chest compression performance during simulation training in Hong Kong. *Journal of Problem-based Learning, 3*(1), 23-29.

Cheung, C.C.T., Lee, P.H., Yip, P.S.F. (2016). Suicidality among Hong Kong nurses: prevalence and correlates. *Journal of Advanced Nursing, 72*(4), 836-848.

Cheung, K., Chan, C.K., Chang, M.Y., Chu, P.H., Fung, W.F., Kwan, K.C., Lau, N.Y., Li, W.K., Mak, H.M. (2015). Predictors for compliance of standard precautions among nursing students. *American Journal of Infection Control*, 43(7), 729-734.

Cheung, K.W., **Mak, Y.W.** (2016). Association between Psychological Flexibility and Health Beliefs in the Uptake of Influenza Vaccination among People with Chronic Respiratory Diseases in Hong Kong. *International Journal of Environmental Research and Public Health*, 13(2), 155-169.

Cheung, S.W., **Boost, M.**, Shi, G., Cho, P. (2016). Microbial Contamination of Periorbital Tissues and Accessories of Children. *Optometry and vision science*, *93*(6), 612-618.

Cheung, Y.T., Ong, Y.Y., Ng, T., Tan, Y.P., Fan, G., **Chan, C.W., Molassiotis, A.**, Chan, A. (2016). Assessment of mental health literacy in patients with breast cancer. *Journal of Oncology Pharmacy Practice*, *22*(3), 437-447.

Chiang, V.C.L., Wong, H.T., Yeung, P., Choi, Y., Fok, M., Mak, O., Wong, H., Wong, K., Wong, S., Wong, Y., Wong, E. (2016). Attitude, Acceptability and Knowledge of HPV Vaccination among Local University Students in Hong Kong. *International Journal of Environmental Research and Public Health*, *13*(5), 486.

Chien, W.T. (2015). Testing the psychometric properties of a Chinese version of Dementia Management Strategies Scale. *Neuropsychiatric Disease and Treatment, 11*, 1663-1675.

Chien, W.T., Bressington, D. (2015). A randomized controlled clinical trial of a nurse-led structured psychosocial intervention program for people with first-onset mental illness in psychiatric outpatient clinics. *Psychiatry Research,* 229(1-2), 277-286.

Chien, W.T., Lam, C., Ng, B.F.L. (2015). Predictors of levels of functioning among Chinese people with serious mental illness: A 12-month prospective cohort study. *Journal of Clinical Nursing*, *24*(13-14), 1860-1873.

Chien, W.T., Mui, J., Gray, R., Cheung, E. (2016). Adherence therapy versus routine psychiatric care for people with schizophrenia spectrum disorders: a randomised controlled trial. *BMC Psychiatry*, *16*(1), 1-14.

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SCHOOL ACTIVITIES



CGN's inaugural conference "Translating Evidence into IMPACT: Creating a Road Map in Caring for the Frail"



CONFERENCES & SYMPOSIUMS

06 JANUARY

A seminar on E-learning

Dr Sarah Kong

Assistant Professor, School of Nursing, The Hong Kong Polytechnic University



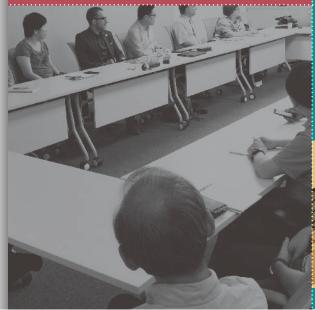
SEMINARS & WORKSHOPS

JANUARY

Assessing the Social and Environmental Determinants of Infectious Diseases Based on Spatiotemporal Models Prof. Wenbiao Hu

Associate Professor, School of Public Health and Social Work,





27 JANUARY

Yoga for Managing Knee Osteoarthritis

Dr Corjena Cheung
Assistant Professor, School of Nursing, University of Minnesota



17_{MARCH}

Promoting Global Network of the WHO Collaborating Centers for Nursing, Midwifery and Health Development Dr Regina Lee

Associate Professor, School of Nursing, The Hong Kong Polytechnic



07

Is the Nursing Workforce in Good Shape?

Prof. Anne Marie Rafferty
Dean of Florence Nightingale Faculty of Nursing and Midwifery,
King's College London, UK



08 APRIL

Safe Staffing: Implications for Health System Performance and Patient Care

Prof. Anne Marie Rafferty

Dean of Florence Nightingale Faculty of Nursing and Midwifery, King's







12 APRIL

Contact Lens-associated Infections and Development of Antimicrobial Contact Lenses

Prof Mark Willcox

Professor, School of Optometry and Vision Science, University of New South Wales, Australia



17_{MAY}

Planning and Implementing Public Health Communication or Advocacy Programmes / Campaigns

Dr Jason Ligot

Regional Office for the Western Pacific, Manila



21_{JUNE}

Sharing by a Tin Ka Ping Visiting Scholar Dr Xiaoyi Cao

Lecturer, West China School of Nursing, Sichuan University



24 MAY

Armenia Healthcare & Nursing Education Reform Dr Alina Kushkyan
Director of Yerevan State Armenian-American Medical College



Talking Saves Lives: Developing the Focus on Sexual Health in Mental Health Services

Prof. Elizabeth Hughes

Chair in Applied Mental Health Research, the University of Huddersfield and South West Yorkshire Partnership NHS Foundation Trust







08 SEPTEMBER

Patient Outcomes Research in Cancer Care: Advancing Science and Reforming Services

Prof. Patsy Yates

Head, School of Nursing, Queensland University of Technology, Australia



18 october

Public Health Genomics

Prof. Maria C Katapodi

Professor of Nursing Science, Faculty of Medicine, University of Basel, Switzerland



12 SEPTEMBER

Lymphedema

Dr Lize Maree

Head, Department of Nursing Education, University of the Witwatersrand, South Africa





02 NOVEMBER

Digital Nursing: Bridging the Gap between Healthcare and Innovation

Dr Theofanis Fotis

Principal Lecturer Nursing, School of Health Sciences, the University of Brighton, the UK





NOVEMBER

Experience Sharing on Experiences on Clinical Supervision of Nurse (Learner)-Client Communication

Mr Stanley Ko

Polytechnic University

24 NOVEMBER

Qualitative Data Analysis: Why and How to Begin Using One of the Popular Qualitative Traditions

Dr Doris Leung

Teaching Fellow, School of Nursing, The Hong Kong Polytechnic





NOVEMBER

Sharing by a Tin Ka Ping Visiting Scholars

Ms Xiao Qian

sor, Capital Medical University

Ms Chen Li Liu

Nurse Practitioner, The Fifth Affiliated Hospital (Zhuhai) of Zun Yi Medical University







One World One Health

Dr Caryn West

National Health & Medical Research Council Early Career Research

Director World Health Organisation Collaborating Centre for Nursing & Midwifery Education & Research Capacity Building and Associate Dean of Research Nursing, Midwifery & Nutrition, College of Healthcare Sciences, James Cook University



12 DECEMBER

Acta Non Verba - The Time to Act is now: Translating **Research to Improve Outcomes for Patients and Families** Prof. Andrea Marshall

Professor of Acute and Complex Care Nursing at the Gold Coast University Hospital and Griffith University



21 JANUARY

Far East University



VISITORS (1 January - 31 December 2016)

25-27 JANUARY

University of Minnesota



17 FEBRUARY

Okayama Prefectural University



- Prof. Margaret Grey (Yale University, USA)
 Prof. Karen Luker (The University of Manchester, UK)
 Prof. Emily Ang (National University of Singapore,





Yangzhou University (Tin Ka Ping Visiting Scholar) Mainland China



7-8 APRIL

King's College London



$16\&2\overline{3}_{\text{MARCH}}$

Guangzhou University of Traditional Chinese Medicine Mainland China



18 APRIL

A group of nurses from Shenzhen Mainland China





28 APRIL

WHO Regional Office for the Western Pacific Manila



APRIL - JULY

Sichuan University (Tin Ka Ping Visiting Scholar) Mainland China



06 MAY

Manchester Metropolitan University



APRIL - JULY

Central South University (Tin Ka Ping Visiting Scholar) Mainland China



16 JUNE

A Group of Guests Invited by Tin Ka Ping Foundation
Mainland China



APRIL - JULY

Tianjin Medical University (Tin Ka Ping Visiting Scholar) Mainland China



20 JUNE

Board of Higher Education, State of Vaud Switzerland



25 JULY

University of Santo Tomas Philippines



SEPTEMBER

Kobe University





8-13 SEPTEMBER

- Prof. Patsy Yates (Queensland University of Technology, Australia)
 Dr Andreas Charalambous (Cyprus University of Technology,



SEPTEMBER - NOVEMBER

Capital Medical University (Tin Ka Ping Visiting Scholar) Mainland China

The Fifth Affiliated Hospital (Zhuhai) of Zun Yi Medical University (Tin Ka Ping Visiting Scholar)

Mainland China





17-20 OCTOBER

University of Basel Switzerland



09 NOVEMBER

National University Hospital Singapore



24 OCTOBER - OVEMBER

University of Brighton



28 OCTOBER

Bangkok Thonburi University Thailand





FORTHCOMING EVENTS IN 2017





Murturing nurse leaders for 40 years Embracing the past to realize the future

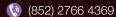
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