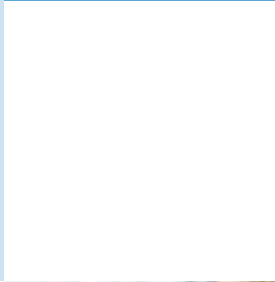
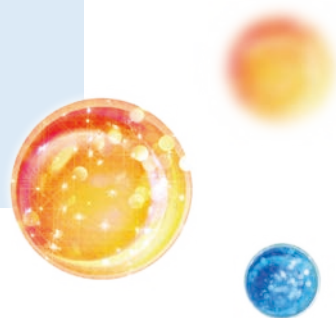




School of Nursing

Annual Report 2017





02

THE HONG KONG POLYTECHNIC UNIVERSITY

30

PIONEERING EDUCATION

- 31 Admissions
- 31 Service Learning: Self-initiated Project
- 32 Overseas Service-Learning
- 32 SN Student Award
- 33 Student Exchange Programmes
- 42 Student Clinical Placement

03

HEAD'S MESSAGE

04

SCHOOL OF NURSING

06

ACADEMIC STAFF LIST

- 08 Honorary Academic and Professorial Appointments
- 10 External Appointments
- 12 Editorial Roles

14

HIGHLIGHTS OF THE YEAR

- 14 The School Ranks 30th in the QS World University Rankings by Subject 2017
- 15 New Vision and Mission of the School
- 16 Events Celebrating the 40th Anniversary of the School
- 22 Research Development
- 26 Academic Development
- 27 Networking and Service Development

46

INTERDISCIPLINARY RESEARCH

- 46 Four Research Themes
- 58 World-Leading and High-Impact Publications
- 64 Research Publications

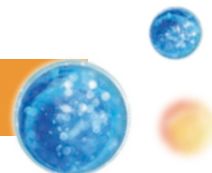
74

SCHOOL ACTIVITIES

92

FORTHCOMING EVENTS IN 2018





THE HONG KONG POLYTECHNIC UNIVERSITY

The Hong Kong Polytechnic University (PolyU) has a proud and illustrious history dating back to 1937. Formerly 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 10 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.

PolyU Ranks

6th in the QS Top 50 Under 50 Rankings 2018

95th in the QS World University Rankings 2018

27th in the QS Asian University Rankings 2018

17th in the Times Higher Education Asia University Rankings 2017

20th in the Times Higher Education Young University Rankings 2017

234th in the Best Global Universities Ranking 2018

27th in the Times Higher Education Asia-Pacific University Rankings 2017

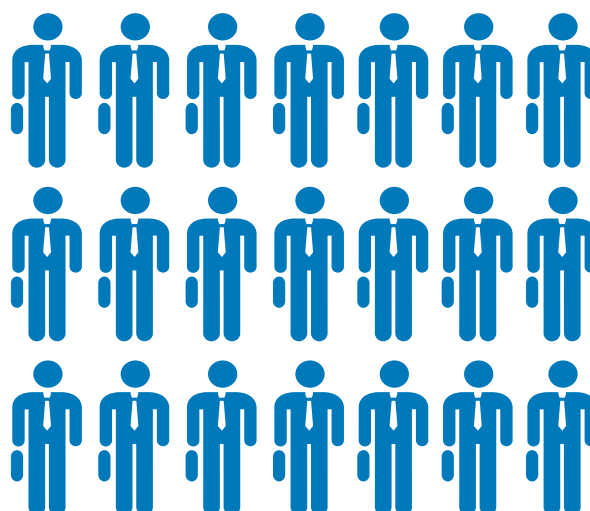
182nd in the Times Higher Education World University Rankings 2018

Facts & Figures



Total Student Enrollment (2016/17)

28,499



Full-time Staff as of 31 October 2016

5,316

HEAD'S MESSAGE

This year marks the 40th anniversary of the School of Nursing (SN) at The Hong Kong Polytechnic University. It takes a team's hard work to build a great school. This report documents what we have done for the 2016/2017 academic year and outlines some key achievements and progress made over the past year.

For the past 40 years, the School has been known as a technical college, the first in Hong Kong to become a university department, the first to develop a nursing degree programme, and the first to develop a PhD programme. This year, we ranked 30th in the QS World University Rankings by Subject in 2017. We have produced 14,500 graduates who have served and contributed to the nursing profession and healthcare industry over the years. These accomplishments are the result of excellent teamwork by the School's most important asset – its people. I am exceptionally proud that the growth of the School has occurred alongside the continued improvements in various areas. As the largest nursing school in Hong Kong, we have been preparing outstanding nurses for 40 years, and we continue to strive for excellence in nursing education and research.

This year is also a significant anniversary for the School, which is also a time for us to reflect upon our history and to consider ways to renew and improve our current and future value. We have reviewed the School's vision and mission to reflect our current position and the direction of our development.

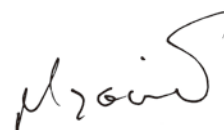
A series of celebratory events and activities were held throughout the year to commemorate the School's anniversary. The School hosted the 20th East Asian Forum of Nursing Scholars (EAFONS) from 9 to 10 March. World Health Day was held on 8 April at Tuen Mun City Hall. The 2017 Induction Ceremony of the Pi Iota Chapter of the Sigma Theta Tau International (STTI) Honor Society of Nursing was held on 20 May. The Chinese Consortium Student Exchange Summer Programme was held from 13 to 19 July. The School of Nursing 40th Anniversary Alumni Dinner was held on 28 July. The International Nursing Conference 2017 was held from 18 to 19 October. The School's Anniversary Gala Dinner was held on 19 October. Last but not least, the 3rd Hong Kong Innovation Day was held on 22 November at PolyU.

This year has also been marked by a series of distinguished visitors, reflecting the role the School can play in bringing together well-known healthcare leaders to discuss some of the hottest topics in the industry and share their valuable experience with our staff and students.

Three of our research projects were granted over 1 million Hong Kong dollars to support researchers in their work on mental health areas; green space in residential neighborhoods in Hong Kong; and ultrasound imaging technology. We have also hosted a Singaporean PhD student through the Hong Kong PhD Fellowship Scheme.

In the upcoming 2018/19 cohort, we will introduce nine specialisms to the MSc in Nursing programme by consolidating the different nursing specialties. We have renovated the nursing labs to better cater to the need for simulation learning for students. Renewing our agreement with the Hong Kong Red Cross Blood Transfusion Service means that the on-campus blood donation centre will continue its operations for another two years. We have extended our service learning subjects to Vietnam and Rwanda, and even introduced self-initiated projects by students with guidance from a clinical associate from the School. We believe that students need to be encouraged, and it is always beneficial for them to try, to lead, to innovate and to use their time with us wisely. When they graduate from the School, they will be prepared to contribute and to serve the community.

On this note, I would like to express my sincere thanks to our colleagues and students who share my passion for nursing and nursing education, and also to our external partners for their continued support over the years. You have made a difference by bettering the lives of our students and enhancing the academic quality of our programmes and research projects. I have been excited, honored and privileged to lead the School of Nursing for the past six years.




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

Motto

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

創新護理 惠澤全人。

Vision

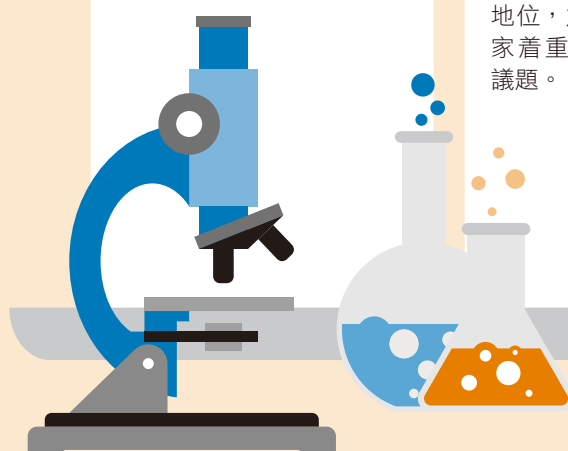
To further excel the School's leadership in research and education to impact on nationally important and globally relevant healthcare issues.

發揮學院在研究和教育上卓越的領導地位，加強其影響力，應對本地和國家着重及全球相關的醫療保健服務議題。

Mission

To cultivate world-class visionary scholars and graduates to advance nursing sciences and services, and to anticipate and drive change in addressing the evolving challenges of health.

培養世界一流，有高識遠見的學者和畢業生，以促進護理科學和服務的發展，並預期及推動改變，回應不斷變化的健康挑戰。



Facts & Statistics

Full-time Academic Staff

83

as of December 2017



1

Chair Professor of Nursing

4

Professor

13

Associate Professor

20

Assistant Professor /
Research Assistant Professor

6

Nurse Consultant /
Senior Teaching Fellow /
Senior Clinical Associate

29

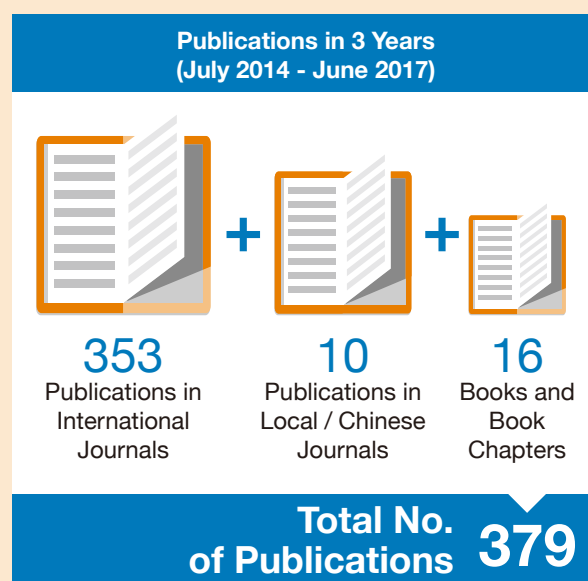
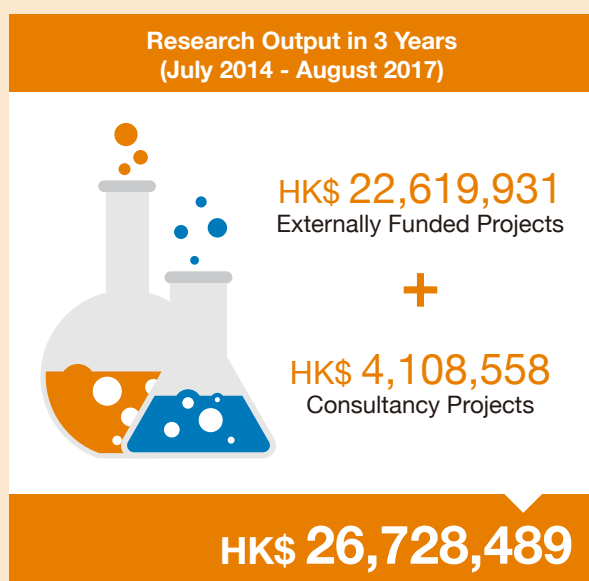
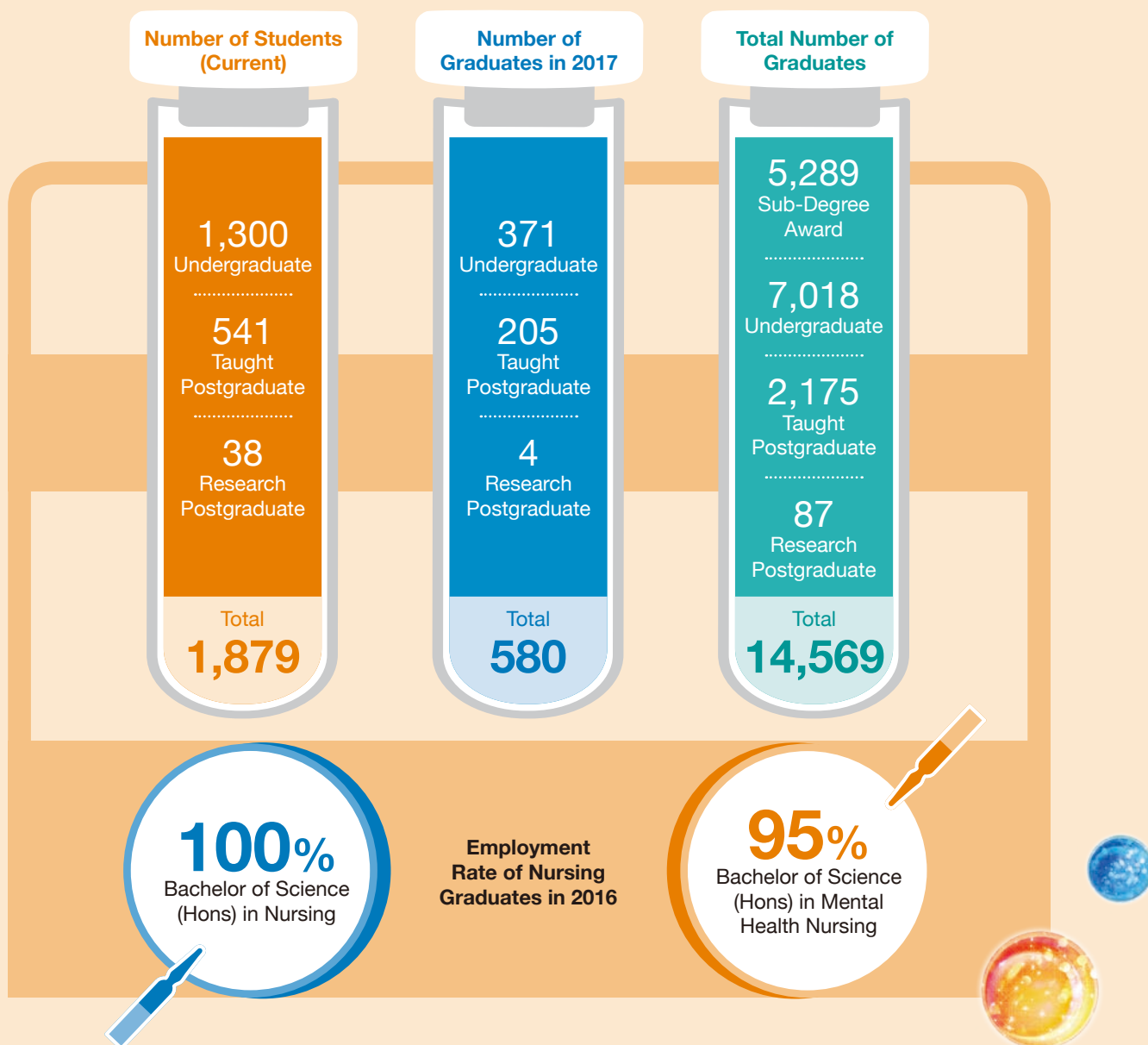
Lecturer / Teaching Fellow /
Clinical Associate

5

Advanced Practice Nurse

5

Clinical Instructor



ACADEMIC STAFF LIST

(as of December 2017)

Chair Professor

Alex Molasiotis (Prof.)

Angel S.P. Chan Lau Professor in Health and Longevity

Chair Professor of Nursing and Head of the School

Professor

Alice Yuen Loke (Prof.)

Associate Head (Postgraduate Education)

Wai-tong Chien (Prof.)

Associate Dean (FHSS)

Maritta Valimaki (Prof.)

Frances Wong (Prof.)

Associate Professor

Engle Angela Chan (Dr)

Associate Head (Undergraduate Education)

Zenobia Chan (Dr)

Kin Cheung (Dr)

Vico Chiang (Dr)

Shirley Ching (Dr)

Thomas Choi (Dr)

Regina Lee (Dr)

Senior Clinical Associate

Stanley Ko

Edmond Tong

Kitty Wong

Annie Yip

Teaching Fellow

Doris Leung (Dr)*

Si-jian Li (Dr)

Senior Teaching Fellow

Cynthia Wu (Dr)

Clinical Associate

Bessie Chan

Wai-shan Chan

Percy Cheng

Sharon Cheung (Dr)

Teris Cheung (Dr)

Jeff Fung

Keith Fung

Bryan Ho

Jacqueline MC Ho

Suki Ho

Ellen Ku

Timothy Lai

Echo Lau

Judy Leung

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)

Advanced Practice Nurse

Esther Kwok (Dr)

Ada Lau (Dr)

Rainbow Lee (Dr)

Sylvia Ting

Rebecca Wai

*part-time staff



Angela Leung (Dr)
Justina Liu (Dr)
Yim-wah Mak (Dr)
Margaret O'Donoghue (Dr)
Lorna Suen (Dr)
John Yuen (Dr)

Assistant Professor

Daniel Thomas Bressington (Dr)	Vivian Ngai (Dr)
Choi-wan Chan (Dr)	Harry Qin (Dr)
Olivia Fung (Dr)	Mimi Tse (Dr)
Grace Ho (Dr)	Eliza Wong (Dr)
Janice Ho (Dr)	Candy Wu (Dr)
Rick Kwan (Dr)	Lin Yang (Dr)
Paul Lee (Dr)	Jerry Yeung (Dr)
Sau-fong Leung (Dr)	

Research Assistant Professor

Nurse Consultant

Sunshine Chan (Dr)

Lecturer

Kitty Chan (Dr)
Katherine Chang (Dr)
Betty Chung (Dr)

Eileen Cheng (Dr)
Daphne Cheung (Dr)
Simone Ho (Dr)
Winsome Lam (Dr)
Grace Xie (Dr)

Clinical Instructor

Frankie Cheung
Sophia Chow
Oscar Chung

Lily Ho
Patrick Kor





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. Alice Yuen Loke

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

Prof. Wai-tong Chien

- Visiting Scholar, Edinburgh Napier University, Edinburgh, UK

Prof. Maritta 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

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

Dr Engle Angela Chan

- Adjunct Professor, School of Nursing, Faculty of Health, University of Technology in Sydney, Australia
- Honorary Visiting Fellow, School of Health Sciences, University of Brighton, UK
- Visiting Professor, School of Nursing, Medical Unit, Soochow University, China

Dr Vico Chiang

- Adjunct Associate Professor, Department of International Nursing Development, Tokyo Medical and Dental University, Japan
- Visiting Scholar, Chang Gung University of Science and Technology, Taiwan

Dr Regina Lee

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

Dr Angela Leung

- Honorary Associate Professor, School of Nursing, The University of Hong Kong, Hong Kong
- Honorary Research Fellow, Sau Po Centre on Aging, The University of Hong Kong, Hong Kong
- Visiting Professor, Yangzhou University, China

Dr Justina Liu

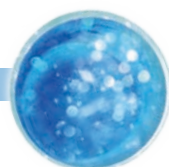
- Visiting Lecturer, Okayama Prefectural University, Japan

Dr Lorna Suen

- Honorary Professor, Fujian University of Traditional Chinese Medicine, China

Dr Daniel Thomas Bressington

- Adjunct Associate Professor, School of Nursing and Midwifery, La Trobe University, Australia
- Adjunct Senior Lecturer, College of Healthcare Sciences, James Cook University, Australia
- Visiting Reader in Mental Health Research, School of Nursing, Canterbury Christ Church University, UK



**Dr Olivia Fung**

- Examiner for Fellow Membership Exit Exam, Hong Kong College of Medical Nursing, Hong Kong
- Guest Assistant Professor, Faculty of Health Science, Macau University of Science and Technology, Macau
- Programme Advisor of Health and Fitness Programme, The Hong Kong Adventist College, Hong Kong

Dr Grace Ho

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

Dr Janice Ho

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

Dr Vivian Ngai

- Visiting Lecturer, Okayama Prefectural University, Japan

Dr Eliza Wong

- External Examiner, High Diploma in Nursing (Caritas Medical Centre), Tung Wah College, Hong Kong

Dr Lin Yang

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

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

Dr Ada Lau

- External Expert Advisor, Advanced Diploma End-of-Life (EOL) Training Program, Hong Kong Institute of Gerontology, 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. Alice Yuen Loke

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

Prof. Wai-tong Chien

- International Scientific Advisory Panels, 2017 International Nursing Research Conference in Oxford, organised by Royal College of Nursing, UK

Prof. Maritta Valimäki

- Board Member, Management Committee of ISCH COST Action IS1210 - Appearance Matters
- Leader, Practice Development Subgroup, European Psychiatric Nurses (HORATIO)
- 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

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 Iota Chapter, Sigma Theta Tau International Honor Society of Nursing, USA
- Member, the Advanced Nursing Practice Network, International Council for Nurses, Switzerland

Dr Engle Angela Chan

- Executive Member, Management Committee, Institute of Communication in Healthcare, Australia National University, Australia
- Member, Pi Iota Chapter, Sigma Theta Tau International Honor Society of Nursing, USA

Dr Kin Cheung

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

Dr Vico Chiang

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

Dr Shirley Ching

- Certified Laughter Yoga Leader, Laughter Yoga International University
- Chapter Counselor, Pi Iota Chapter, Sigma Theta Tau International Honor Society of Nursing, USA
- Fellow, Union for International Cancer Control, Switzerland
- Member, International Society of Nurses in Cancer Care

Dr Angela Leung

- Council Member, Asia Health Literacy Association (AHLA), Switzerland
- Global Working Group on Health Literacy (GWG-HL), International Union Health Promotion and Health Education (IUHPE)
- President-elect (2017) / President (2018-2020), Pi Iota Chapter, Sigma Theta Tau International Honor Society of Nursing, USA
- Steering Group, Common Data Element for Long-term Care, Duke University, USA

Dr Justina Liu

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

Dr Yim-wah Mak

- Certified Laughter Yoga Leader, Laughter Yoga International University
- Founding Member, Asian Culture and Contextual Behavioral Science, Special Interest Group of Association for Contextual Behavioral Science
- Member, Global Alliance for Nursing and Midwifery, WHO Collaborating Centre for Nursing, Midwifery and Health Development
- Member, Pi Iota 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 Lorna Suen

- Convenor, East Asian Forum of Nursing Scholars (EAFONS)

Dr Olivia Fung

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

Dr Grace Ho

- Dual Chapter Member (Pi Iota and Nu Beta), Sigma Theta Tau International Honor Society of Nursing, USA
- Program Committee Member, Pi Iota Chapter, Sigma Theta Tau International Honor Society of Nursing, USA

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 Organization, Switzerland
- Member, Pi Iota Chapter, Sigma Theta Tau International Honor Society of Nursing, USA

Ms Bessie Chan

- Counselors-Membership Nomination, Pi Iota 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 Iota 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

Dr Ada Lau

- Certified Laughter Yoga Leader, Laughter Yoga International University
- Community Leader, Pi Iota Chapter, Sigma Theta Tau International Honor Society of Nursing, 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, Beijing University, China
- Overseas Consultant, China Nursing Centre, Ministry of Health, China
- Senior Consultant, Guangdong Province Nursing Education Centre, China

Dr Engle Angela Chan

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

Dr Lorna Suen

- Program Director, PolyU Shenzhen Research Institute, China

Dr Lin Yang

- Member, Expert Committee, China Medical Education Association, China

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. Alice Yuen Loke

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

Prof. Wai-tong Chien

- Editor / Associate Editor of international peer-reviewed journals, including Trials, Journal of Translational Medicine, and The Open Nursing Journal
- 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
- Author-in-Residence, Nurse Author & Editor (<http://naepub.com>)

Prof. Maritta Valimaki

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

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.

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 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 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 Angela Leung

- Associate Editor (Service organization, utilization, and delivery of care), BMC Family Practice
- Editorial Board Member, Asia Journal of Gerontology and Geriatrics

Dr Lorna Suen

- Editorial Board Member, Journal of Complementary Medicine & Alternative Medicine
- Editorial Board Member, EC Diabetes and Metabolic Research
- Associate Editor, Journal of Nursing and Health Care

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 Olivia Fung

- Editorial Board Member, Journal of Practical and Professional Nursing, Herald Scholarly
- Editorial Board Member, Nursing Open, Wiley

Dr Grace Ho

- Guest Editor, Advances in Nursing Doctoral Education and Research

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 Eliza Wong

- Member of International Advisory Board, International Emergency Nursing

Dr Jerry Yeung

- Editorial Board Member, East Asian Archives of Psychiatry

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



HIGHLIGHTS OF THE YEAR



The School Ranks 30th in the QS World University Rankings by Subject 2017



The School continues to show strength in the QS World University Rankings. The School ranked 42nd in the QS World University Rankings by Subject in 2016. This year, we climb to the ranking of 30th, and we are one of only four Asian nursing schools in the top 50.

The QS World University Rankings by Subject highlight the world's top universities in individual subject areas, covering 46 subjects as of 2017. It aims to help prospective students identify the world's leading schools in their chosen field. The rankings are based on academic reputation, employer reputation and research impact. Details of our scores are shown below:

School of Nursing, PolyU



Data retrieved from <https://www.topuniversities.com/universities/hong-kong-polytechnic-university#sub>

New Vision and Mission of the School

In order to reflect the current position of the School and our direction of development, the School announced its new vision and mission statements in June.



Our Vision

To further excel the School's leadership in research and education to impact on nationally important and globally relevant healthcare issues.

發揮學院在研究和教育上卓越的領導地位，加強其影響力，應對本地和國家着重及全球相關的醫療保健服務議題。



Our Mission

To cultivate world-class visionary scholars and graduates to advance nursing sciences and services, and to anticipate and drive change in addressing the evolving challenges of health.

培養世界一流，有高識遠見的學者和畢業生，以促進護理科學和服務的發展，並預期及推動改變，回應不斷變化的健康挑戰。

Series of Events Celebrating the 40th Anniversary of the School

On 9 March 2017, the School kicked-off the year-round celebrations of its 40th anniversary, announcing a series of celebratory events in 2017.



▲ Kick-off Ceremony for the School's 40th anniversary year-round events.

The 20th East Asian Forum of Nursing Scholars (EAFONS)

Date: 9-10 March 2017

The School hosted the 20th East Asian Forum of Nursing Scholars (EAFONS) from 9 to 10 March, celebrating the 20th anniversary of EAFONS. With its theme "*Globalization and Research in Doctoral Nursing Education*", EAFONS serves as an international platform enabling participants to share their experiences, stimulate ideas and establish collaborations in the area of doctoral nursing education.

EAFONS brought together over 700 participants from 14 countries/places to develop synergies to promote the development of doctoral nursing education and research. International keynote speakers included Prof. Azita Emami, Professor and Dean, School of Nursing, University of Washington, USA, and Prof. Sonja McIlfratrick, Professor of Nursing, School of Nursing, University of Ulster, UK and President of the International Network for Doctoral Education in Nursing.



▲ Opening ceremony of 20th EAFONS



▲ Prof. Sophia Chan officiated at the opening ceremony of EAFONS



◀ Welcoming address by Prof. Alex Molasiotis, Head of School of Nursing

World Health Day Carnival

Date: 8 April 2017



▲ Prof. Molasiotis and Prof. Frances Wong officiated at the opening ceremony.

The 2017 World Health Day Health Carnival was co-hosted by the School and the Hong Kong Academy of Nursing. The event, themed “fighting against depression” echoed the World Health Organization’s (WHO) focus.

The Annual General Meeting and 18th Induction Ceremony of the Pi Iota Chapter, Sigma Theta Tau International (STTI) Honor Society of Nursing

Date: 20 May 2017



The Pi Iota Chapter, Sigma Theta Tau International Honor Society of Nursing, held its Annual General Meeting and the 18th Induction Ceremony at PolyU. Mr Lawrence Poon, Chief Manager (Nursing), the Hospital Authority, delivered a keynote speech at the event.



The Chinese Consortium Student Exchange Summer Programme

Date: 13-19 July 2017



The Chinese Consortium Student Exchange Summer Programme on the theme “Innovation in Transitional Care” was jointly organised with the PolyU School of Nursing. Over 200 teachers and students from 63 higher education institutes in Greater China joined the programme to discuss developments and trends in transitional care, learn more about the use of the Omaha system across the continuum of care for individuals, families, and communities, and apply innovative practices.

School of Nursing 40th Anniversary Alumni Dinner

Date: 28 July 2017



The School of Nursing 40th Anniversary Alumni Dinner was hosted by the School and the Alumni Association of Nursing Studies. Around 200 participants joined the dinner. The alumni were reconnected with their old school mates and their alma mater.

International Nursing Conference 2017

Date: 18-19 October 2017

The International Nursing Conference (INC) 2017 was a two-day conference that brought together well-known local, regional and international nursing experts to share views on the challenges of globalisation. It provided a platform for disseminating knowledge in the areas of nursing education, research-based practice, leadership, safety-related outcomes, nursing competencies, etc. INC 2017 provided an academic and socialization environment for the participants that offered opportunities to explore issues of mutual concern, exchange knowledge and ideas, share evidence-based practice, and generate solutions.

List of Invited Speakers

Title	Name	Post Title	Organisation
Dr	Elisabeth Carlson	Associate Professor	Department of Care Science, Malmo University, Sweden
Prof.	Patricia Davidson	Dean & Professor	Johns Hopkins University, School of Nursing, USA
Prof.	Margaret Grey	Annie Goodrich Professor	Yale School of Nursing, Yale University, USA
Prof.	Mark Hayter	Head of Department of Nursing	University of Hull, UK
Prof.	Yeur-hur Lai	Director and Professor	School of Nursing, National Taiwan University, Taiwan
Dr	Karry Ming Liu	Director	School of Health Sciences, Macao Polytechnic Institute, Macao
Prof.	Violeta Lopez	Professor	National University of Singapore, Singapore
Prof.	Karen Luker	QNI Professor of Community Nursing	School of Nursing Midwifery and Social Work, University of Manchester, UK
Prof.	Ida Martinson	Former Head (SN) [1996-2000]	School of Nursing, The Hong Kong Polytechnic University, Hong Kong
Prof.	Alex Molasiotis	Chair Professor of Nursing and Head	School of Nursing, The Hong Kong Polytechnic University, Hong Kong
Prof.	Jane Phillips	Professor of Nursing	University of Technology Sydney, Australia
Prof.	Anne Marie Rafferty	Professor of Nursing Policy	Florence Nightingale Faculty of Nursing and Midwifery, King's College, UK
Prof	Yajai Sitthimongkol	Associate Professor & Dean	Director of WHO Collaborating Centre for Nursing and Midwifery Development Faculty of Nursing, Mahidol University Bangkok, Thailand
Prof.	Honghong Wang	Deputy Dean and Professor	Xiangya School of Nursing, Central South University, China
Prof.	Roger Watson	Professor of Nursing	University of Hull, UK
Prof.	Yvonne Wengstrom	Professor and Director of Nursing Development	Neurobiology Care Science and Society, Nursing, Karolinska Institute, Sweden
Dr	Caryn West	Associate Dean Research CHS	James Cook University (Cairns), Australia
Prof.	Thomas Wong	President	Ginger Knowledge Transfer and Consultancy Limited, Hong Kong
		Former Head (SN) [2002-2004]	School of Nursing, The Hong Kong Polytechnic University, Hong Kong
Prof.	Frances Wong	Professor	School of Nursing, The Hong Kong Polytechnic University, Hong Kong
Prof.	Patsy Yates	Head of School	Faculty of Health, School of Nursing, Queensland University of Technology, Australia
Dr	Fengying Zhang	Associate Professor	West China School of Nursing, Sichuan University, China
Prof.	Meifen Zhang	Associate Dean and Professor	Sun Yat-sen University, China

School of Nursing 40th Anniversary Celebration Dinner

Date: 19 October 2017



▲ Group photo taking with the anniversary celebratory event coordinators and guests of honour

Guests of Honour:

- Prof. Sophia Chan, JP, Secretary for Food and Health, Government of the Hong Kong Special Administrative Region
- Prof. Timothy Tong, Ph.D., JP, President, The Hong Kong Polytechnic University



▲ Group photo with all selected outstanding alumni 2017



▲ PolyU President, Prof. Timothy Tong, and his band performing and mingling with guests at the gala dinner



The 3rd Hong Kong Innovation Day

Date: 22 November 2017

The 3rd Hong Kong Innovation Day was held on the PolyU campus with the purpose of stimulating innovative ideas and concepts for the benefit of patients, clinicians and the healthcare industry. The Hong Kong Innovation Academy (HKIA) invited researchers from healthcare organisations, universities and tertiary institutes from Hong Kong and the Pearl River Delta Region of China to compete for the 3rd Hong Kong Innovation Awards. Inventors were required to submit solutions and innovations addressing current issues in medical and healthcare science. The champion of the innovation awards competition will attend the Global Healthcare Innovation Day, to be held at Hong Kong in 2018, as a representative of Hong Kong. They will compete with other champions from different parts of the world for the Innovation for Health Award of Excellence.



Champion

Project Title: High-Fidelity and Real-time 3D/4D Ultrasound Visualization System via Advanced Image Denoising and Volume Rendering

Project Leader:

Dr Harry Qin, The Hong Kong Polytechnic University



First Runner-up

Project Title: Use of Silicone Cannulation Model to Enhance Patient Safety in Extracorporeal Life Support Service

Project Leader:

Mr Lai Chi Keung Peter, Queen Mary Hospital, Hospital Authority



Second Runner-up

Project Title: Preventing False Marker Incidence in General Radiography by Computer Vision Technology

Project Leader:

Mr Tse Hon Fung, Pok Oi Hospital, Hospital Authority



Audience Favourite Award

Project Title: A Splicer with Controllable Multi-Function Drainage Tube

Project Leader:

Ms Liang Jingwen, Vicky, Guangzhou Women and Children's Medical Center

Research Development

Music Intervention for People with Dementia and their Family Caregivers



▲ Prof. Claudia Lai (left) and Dr Daphne Cheung (right) received the award.

The PolyU Distinguished Knowledge Transfer Awards are held only once every five years, paying tribute to remarkable researchers and partners for their knowledge transfer achievements, exemplifying the diversity, quality and innovativeness of projects and technologies transferred to businesses and organizations.

Prof. Claudia Lai and **Dr Daphne Cheung** were presented the Merit Award for Community Excellence in recognition of their achievement in knowledge transfer for their project “Music Intervention for People with Dementia and their Family Caregivers”, which successfully partnered with eight organizations and adopted the “train-the-trainer” approach to equip centre staff and family caregivers to deliver a home-based music intervention to promote the mood and wellbeing of people with dementia and caregiver dyads.

Persons with early dementia (PWeD) often experience anxiety and sleep problems. Music intervention is a useful tool for those with dementia in terms of managing anxiety and sleep disturbances, but home-based music interventions are not available in Hong Kong. This study demonstrated the feasibility of such interventions, delivered by trained caregivers and a non-specialist. The train-the-trainer principles was successfully adopted and the protocol used in the community. The music intervention has positive effects on reducing anxiety and depressive symptoms in PWeD. Although there was no significant effect on the family caregivers, there was a downward trend in their anxiety score. Families also reported that their relatives with dementia experienced improvements in mood, memory, body coordination, and interactions. The centre staff were interviewed and described the music intervention as a new experience for them and a pleasurable activity for their clients.

Nursing beyond Borders: Hong Kong PhD Fellowship Scheme

(Supervisors: Dr Vico Chiang and Prof. Alice Yuen Loke)



▲ HKPS Awardee: Ms Seena Ramazanu

Established by the Research Grants Council (RGC) of Hong Kong in 2009, the Hong Kong PhD Fellowship Scheme* (HKPFS) aims at attracting the best and brightest students in the world to pursue their PhD studies in Hong Kong's universities. There were over thousands of global candidates applied for the scheme. After going through rigorous selection processes, Ms Seena Ramazanu was awarded the fellowship. She has demonstrated outstanding qualities of academic performance, research ability and potential, communication and interpersonal skills, as well as leadership abilities. Her research is targeted at supporting family members through a patient's stroke, through structured educational interventions.

**HKPFS provides an annual stipend of HK\$240,000 (approximately US\$30,000) and a conference and research-related travel allowance of HK\$10,000 (approximately US\$1,300) per year to each awardee for a period of up to three years.*

Research Achievements of Projects with Total Grants over HK\$1 Million

This year, three research projects were granted over HK\$1 million from different funding sources:

1. A collaborative research project between The Institute of Mental Health (IMH), the Sixth Affiliated Hospital of Peking University and PolyU's Faculty of Health and Social Sciences (FHSS) has been supported by the departmental fund and the FHSS Dean's Reserve. The project, entitled "From Prevention to Community Integration: Service Models, Intervention Strategies and Outcome Evaluation for Recovery from Severe Mental Illness in Chinese Community (Hong Kong and Beijing)" is led by **Prof. Wai-tong Chien** (Co-PI) together with Prof. Hector Tsang (PI) of the Department of Rehabilitation Sciences and Dr Juan Chen (Co-PI) of the Department of Applied Social Sciences.



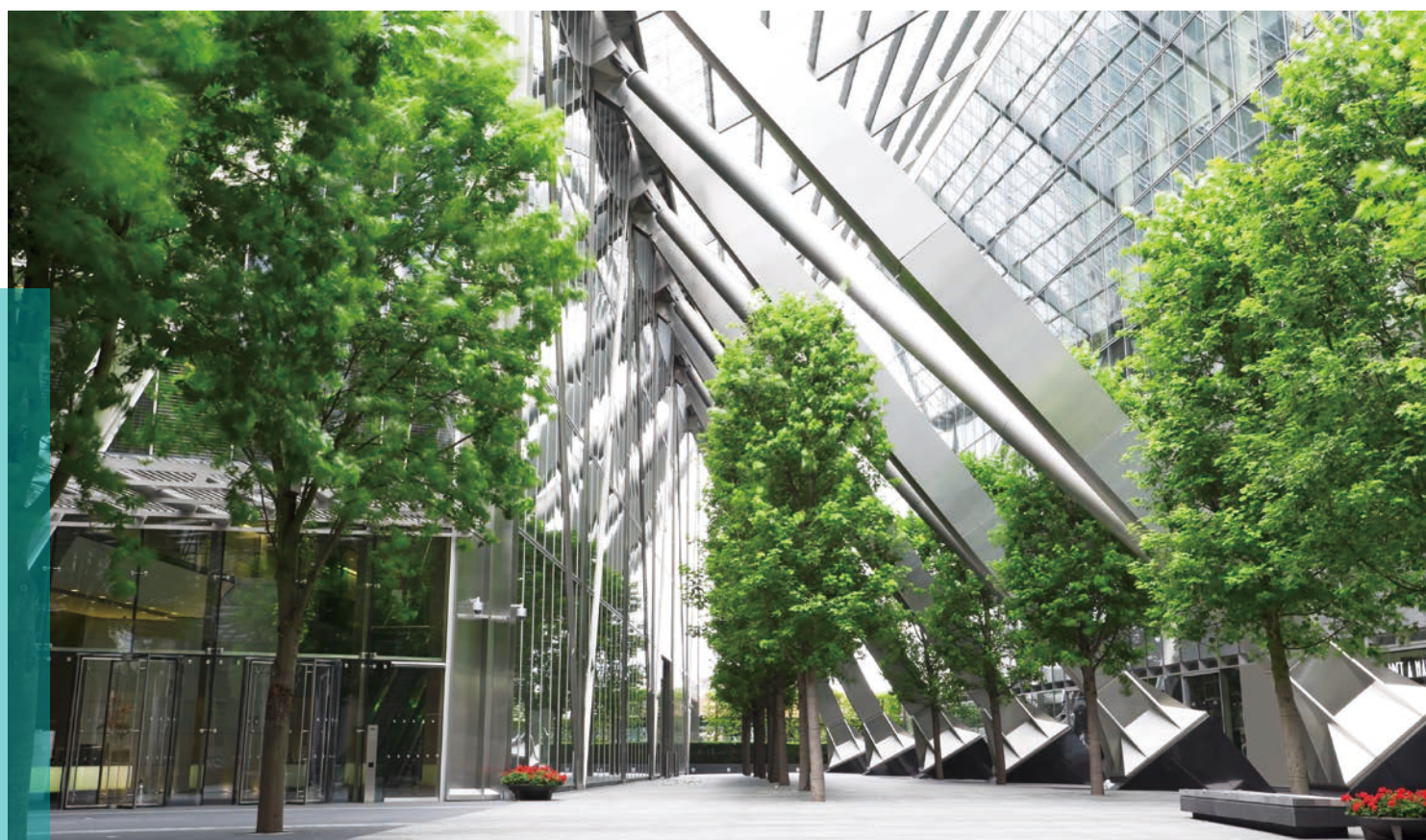
Project Information:

Recent-onset psychosis and related disorders are very distressing and disabling mental disorders worldwide, including in Chinese populations (China and Hong Kong). There is a need for early intervention and promotion of recovery for these people, and for prevention of their high-risk family members from developing mental health problems in caregiving or other family life situations. The funded research is a two-part study.

- (a) The first part of the study is to test the effects of an 'Integrative Psychosocial and Community Skills Training (IPCST) programme conducted in both Beijing and Hong Kong on reducing relapse and enhancing better integration into the community, using a randomized controlled trial design.
- (b) The second part will explore the developmental and psychosocial health needs of the younger family members of these psychotic patients and identify possible mental health promotion strategies for this high-risk family group.

This research will span about two years and involve collaboration between health, rehabilitation and social researchers at PolyU to share our expertise on establishment and evaluation of mental health services with psychiatric rehabilitation staff in Beijing, China. It can also provide empirical evidence for:

- (i) establishing an effective integrative community-based intervention programme for people with early psychosis; and
- (ii) obtaining better understanding of family needs in mental health promotion and intervention among these psychotic patients.



- 2. Dr Lin Yang** was awarded funding from PolyU's Faculty of Health and Social Sciences (FHSS) for her project titled "Association of Green Space with Quality of Life and Health Status of Neighborhood Residents: A Mix-method Research Project". Dr Judy Siu from Department of Applied Science, PolyU and Prof. Frances Wong from School of Nursing, PolyU were the Co-PIs of this project.

Project Information:

Developing green urban areas has been widely demonstrated to benefit the community in terms of reducing air pollutants, noise and outdoor temperature, as well as saving energy by providing natural shade. However, few studies have adopted objectively measured outcomes to show the health impact of green space. Hong Kong residents have been suffering from heavy traffic, high air pollution and lack of green space in residential areas. Environment-related health inequalities in this region have never been properly evaluated. Seeing this need, this project conducts a multidisciplinary study by combining quantitative and qualitative research methods to identify the community's needs for a better living environment in the region. It also evaluates the impact of green space on stress and on inflammatory and oxidative stress biomarkers, which reflect the risks of developing cardiovascular diseases and metabolic dysfunction.

Research protocols developed from this project can be further applied to future large-scale research projects. The revealed mechanism could contribute to the design of future intervention programs such as increase of green space coverage, which could be considered in the Green Deck Project.

Collaborators/Supporting Parties:

The Department of Land Surveying and Geo-Informatics, The Hong Kong Polytechnic University
School of Public Health, The University of Hong Kong



3. **Dr Harry Qin** was awarded funding from the Innovation and Technology Fund for the project entitled “High-fidelity and Real-time 3D/4D Ultrasound Visualization System via Advanced Image Denoising and Volume Rendering”.

Project Information:

The last decade has witnessed significant advances in 3D/4D ultrasound imaging technology. Compared with 2D ultrasound, 3D/4D ultrasound can provide more anatomical and pathological information for more precise diagnosis and treatment. However, nowadays, it is still quite challenging to visualize 3D/4D ultrasound data offering high-fidelity anatomical information in a real-time manner due to speckle noise, low signal-to-noise ratio, and the complicated anatomical relationship among tissues. We propose to develop a novel 3D/4D ultrasound visualization system by leveraging a set of advanced image denoising algorithms and volume rendering techniques. We integrate these techniques as a modularized visualization system and employ the system to visualize high-dimensional fetal ultrasound data. Experiments demonstrate that our method can produce realistic rendering results with enhanced depth and detail information compared to traditional approaches. The proposed system can greatly enhance the international competitiveness of current ultrasound devices produced in Hong Kong, mainland China and Southeast Asia, and hence has great commercial potential.

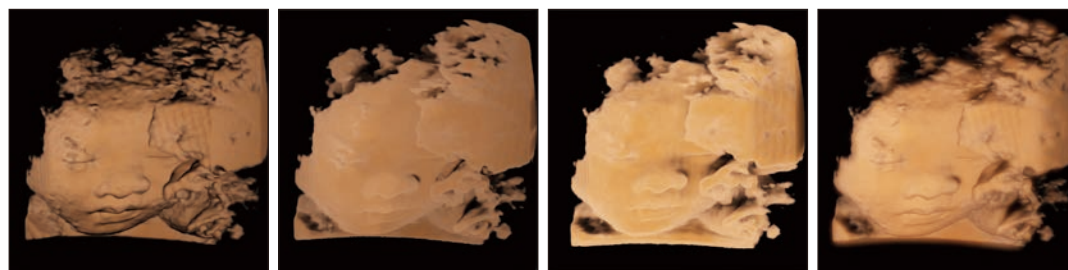
Collaborators/Supporting Parties:

- Prince of Wales Hospital, The Chinese University of Hong Kong
- Shenzhen Mindray Bio-Medical Electronics Co., Ltd.
- Shenzhen WELLD Medical Electronics Co., Ltd.

The system interface



▲ Figure 1: Interfaces of the proposed visualization system.



▲ Figure 2: (from left to right): The visualization results of local illumination, half-angle slicing, our method with only single scattering, and our method with multiple scattering.

Academic Development

Specialty Postgraduate Programmes for Advancing Nursing Practice

To meet the healthcare needs of the community and further the professional advancement of nurses, the School has continued to develop new specialty-specific postgraduate programmes. A recent development is the plan to offer more specialties in terms of master's level programmes that can lead to students' advancement in the following areas:

- Cancer & Palliative Care
- Gerontological Nursing
- Mental Health Nursing
- Community Health Nursing
- Infectious Diseases & Infection Control
- Nursing Education
- Critical Care
- Maternity
- Traditional Chinese Medicinal Nursing

These programmes prepare advanced practice nurses with advanced skills and knowledge, extend their clinical focus, and enhance their research abilities to enable them to critically evaluate research results, practise evidence-based care, and initiate clinical development.

The School will introduce the above nine specialisms to the MSc in Nursing programme from the 2018/19 intake cohort.

Nursing Labs Renovation



▲ Renovated FG518 Nursing Lab

The Dorothy Wong Intensive Care Laboratory (ICU), FJ501c-d and the Clinical Skills Laboratory, FG518, have been revamped to support advance nursing training. New features have been installed in the ICU, such as a ceiling-mounted pedant to house new equipment to benefit acute and critical care teaching. A live-ward design has been added to FG518 to provide a lifelike environment that facilitates authentic simulation-based scenarios by application to dummy, standard patient, and simulator.



▲ Renovated ICU Lab

Senior Year Places in Universities: The School's Largest Grant

Dr Kin Cheung, is the programme leader of the Bachelor of Science (Honours) in Nursing (Articulation programme). In 2017, her project team was awarded closed to \$15 million teaching and learning fund from the University Grants Committee for the project entitled “Enriching Senior Year Places: Students’ Learning Experience through Curricular and Co-curricular Activities in Hong Kong’s Universities”. This project is led by PolyU (Dr Kin Cheung) involving all faculties and schools, with the collaborating universities including City University of Hong Kong (CityU), Hong Kong Baptist University (HKBU) and The Chinese University of Hong Kong (CUHK).



Senior year places (SYP) in universities are UGC funded and allocated specifically for graduates of sub-degree programmes. SYP students will be admitted to the university based on a credit unit transfer system and complete their studies in two years (three years in SN). The SYP student population is growing rapidly, so their unique learning needs should be emphasized.

However, based on worldwide evidence-based studies and a local pilot study conducted by the project leader, SYP students are suffering from a “mismatch” between their learning needs and institutional offerings, which affects their learning experiences.

To fulfil the needs of SYP students, this project aims:

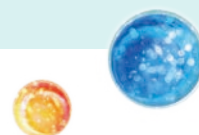
- 1) to meet the learning needs of SYP students before, during and after their transition into degree programmes in the participating universities; and
- 2) to enhance SYP students’ learning experience by improving their academic competencies, future career preparations, library searching skills, individual well-being, and internationalised experience during their time at universities.

Networking and Service Development

Renewal of Red Cross Agreement for On-Campus Blood Donation

The School renewed its collaboration with the Hong Kong Red Cross Blood Transfusion Service (BTS) under the Hospital Authority (HA) to maintain an on-campus blood donation centre at the School’s Integrative Health Clinic (IHC) in 2017. A total of 7,636 units of blood has been collected since the inception of this centre in September 2014.

After a pilot run in 2014, the agreement was renewed for two more years starting from 2017. This represents a win-win situation for both the School and the Hong Kong Red Cross, with the University offering an easily accessible venue for blood donation in the heart of Kowloon. Research students and academics can use the venue to conduct research on various topics.





Community Services: Integrative Health Clinic



▲ 'Mindfulness-based Stress Reduction (MBSR)' Programme in Summer 2017.

The Integrative Health Clinic (IHC) is a nurse-led clinic. Apart from health consultation and health assessment, our practitioners look into the health problems and health needs of clients and formulate customized integrative health care plans. The IHC holds regular open days with different themes. Our undergraduate students set up health check counters and game booths, as well as answering enquiries raised after health assessment. Health check items include body height and weight, body fat and visceral fat, blood pressure, pulse, sit and reach test, hand grip test, stress test, and so on.

In addition, various free health talks will also be hosted by IHC practitioners at different time slots for community education purposes. Health talk topics include acupuncture for pain, stress management, smart eating, cognitive assessment and mental health.

Students could treat this as a primary health care practicum, where they look up health information, adopt health care principles, and design games. Games are instrumental in conveying health information and health education to the general public. Implementation of game play dynamics in production and execution develop and strengthen essential skills in carrying out primary health care activities, such as communication skills. IHC open days offer students an opportunity to be health advocates in addition to participating in classroom learning.



▲ Workshop on scenario and case training about managing behavioural problems in people with dementia.



◀ Introduction to aromatherapy and acupoint massage.



▲ A patient suffering from chronic pain practises home-based exercises learnt from pain management consultation in IHC.

Research Conducted in the IHC

A research project was successfully completed by a group of final year mental health nursing students in the Hong Kong Red Cross Blood Transfusion Centre housed in the IHC. It was the first study of its kind to explore the factors contributing to blood donation behaviour and its impact on donors' psychological well-being in Hong Kong. Of 295 participants aged 18-58 who joined the study from May to August 2017, a majority (71.5%, n=211) reported high psychological well-being (scored 8 out of 10) immediately after blood donation, and 270 participants (91.5%) agreed that they experienced more positive than negative psychological effects associated with blood donation. Feelings of satisfaction and pleasure were the predominant positive psychological effects, whereas thirst and the feeling of tiredness were common negative effects. Altruism, perceived sense of responsibility and high quality of blood donation service (e.g. reputation, staff attitude and professional knowledge) were the major motivating and maintenance factors for donors' blood-giving behaviour.

These research findings can raise public awareness about the positive psychological impacts of blood donation and reduce barriers to blood donation. Further, the findings imply the importance of maintaining quality blood donation services and identifying measures to reduce the negative effects that may be experienced by blood donors.

The IHC has offered PolyU nursing students an opportunity to explore their research interests, implement their studies and disseminate useful findings. Students' optimal learning can be achieved through service provision, nursing research and education.

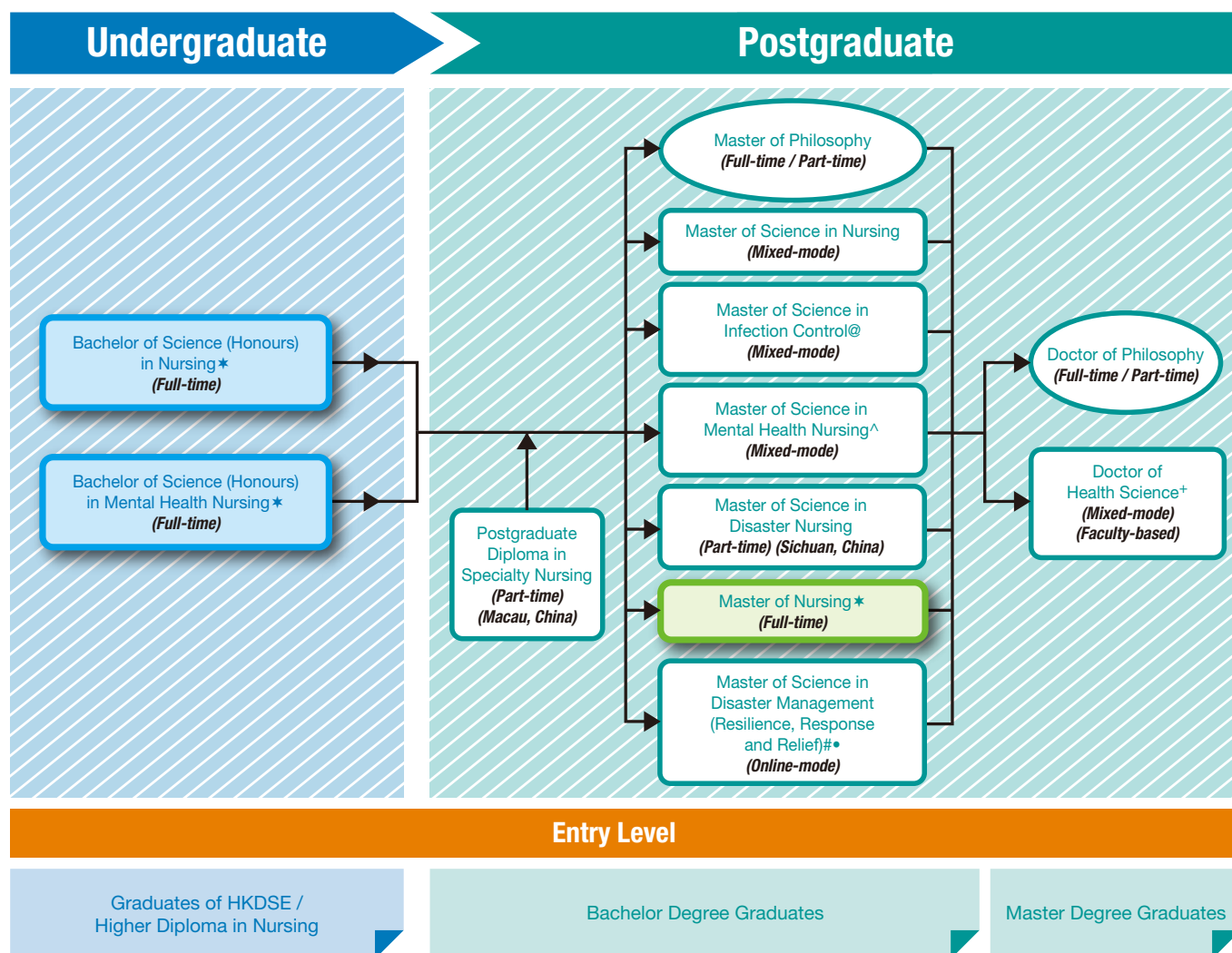


▲ Students working on their research conducted in the IHC.

PIONEERING EDUCATION

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. Two 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.

Chart of Programmes



* Graduates will be eligible to apply for registration with the Nursing Council of Hong Kong

Subject to approval

^ Last intake in 2017

@ Last intake in 2016

• This programme is a purely distance learning course and jointly offered by PolyU and the University of Manchester, UK, under the School of Nursing (SN). It is a matter of discretion for individual employers to recognise any qualification to which this course may lead.

+ Students from nursing can opt for graduation with "Doctor of Health Science" (generic award) or "Doctor of Health Science (Nursing)" award



Research Programme



Taught Programme

Admissions

The latest admission statistics released by the Academic Secretariat show that our undergraduate nursing programmes have remained competitive in the 2017/2018 JUPAS admission exercise. As last year, the School's BSc (Hons) in Nursing programme (53455) ranked first among 32 JUPAS programmes within the Health Sciences discipline, based on the total number of first choice applications. Our BSc (Hons) in Mental Health Nursing programme also ranked 17th this year. The average admission score* of the BSc (Hons) in Nursing (53455) programme was 27.9 (vs. 23.9 in 2016) and that of the BSc (Hons) in Mental Health Nursing programme was 26 (vs. 22.6 in 2016).

There is 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 11.5% from 7,136 in 2016 to 6,312 in 2017. The BSc (Hons) in Mental Health Nursing programme dropped by 15% from 5,382 in 2016 to 4,573 in 2017.

A total of 285 students have been admitted into the two UGC-funded undergraduate nursing degree programmes in 2017/18. For our self-financed programmes, 172 students have been admitted this year (vs. 160 in 2016/17). The Master of Nursing programme and the MSc in Disaster Nursing programme have recorded a full enrolment (40 intake quotas) this year.

**The average admission scores were calculated based on students' Hong Kong Diploma of Secondary Education examination results. The calculation mechanisms are different in the past two years.*

2016/17: Chinese language, English language plus best three subjects

2017/18: Chinese language, English language, Mathematics, Liberal Studies plus best two subjects

Service Learning: Self-initiated Project

The self-initiated project (SIP) is entitled 'Empowerment on Fundamental Health Concepts in Developing Countries', and received funding under the PolyU Community Service Fund Student Service-Learning Grants 2016/17 to the tune of HK\$44,500. **Ms Phyllis Pang** acted as the advisor, and 11 students from SN joined the service-learning trip (SN2S03) to Cambodia the previous year. The students had taken a year to recruit members, write the proposal, set up a budget plan, contact other organizations for co-operation, seek sponsorships, prepare teaching materials, and discuss the logistics and itinerary. The project, a 12-day service trip to the Sen Sok slum and Happy Tree orphanage in Phnom Penh, Cambodia, took place from 19 to 31 August 2017.



▲ Ms Phyllis Pang and the self-initiated project team in the Sen Sok slum of Cambodia.



▲ A PolyU student practised bandaging for fracture management using the available local resources.

The SIP required a high level of engagement, commitment and leadership development from participating students. Meanwhile, high autonomy was given in decision-making and problem solving. The students thus learned to be more considerate and flexible in view of changing situations arising, thus, problem-solving, critical thinking and contingency planning skills were developed. Eventually, it was through the group process and leadership development that they became more united and efficient. It was their intention that these skills and this knowledge could help the service recipients in saving lives and lessening the consequences of minor injury. The students served the people in Cambodia by disseminating correct and comprehensive health messages to empower the service recipients.

Overseas Service Learning: Cambodia, Vietnam and Rwanda



◀ PolyU students taught villagers and children in Rwanda to do physical exercise and hand washing.

As an extension of the service-learning subjects for the course Healthy Lifestyle Challenges in Developing Communities (SN2S03), which started to visit slum areas in Cambodia, this year the course also brought students to Vietnam and Rwanda. This course aimed to engage PolyU students with Cambodians, Vietnamese and Rwandans, where healthcare resources are limited. Students worked in a team and visited families, thinking of the health education topics that would be relevant to each interviewed family and delivering necessary skills to eliminate health risk behaviours and promote healthy lifestyles in vulnerable communities. The courses attempt to enhance students' team-building capacities, critical thinking, problem-solving skills, communication skills, and their global exposure through service learning.



▲ PolyU students delivered a health talk on prevention of diarrhoeal disease and performed towel exercises with senior villagers in Som Rong Village, Cambodia.



▲ Students measuring the blood pressure of a client in Vietnam.

SN Student Awards

HSBC Hong Kong Scholarship 2016/17:



◀ Miss Hoi-tung Wong, a year 3 student on the BSc (Hons) in Mental Health Nursing programme (53482) was awarded the HSBC Hong Kong Scholarship 2016/17, with a cash amount of up to HK\$50,000.

Innovation and Technology Scholarship Award Scheme



▲ Miss Wing-lam Lui, a year 2 student on the BSc (Hons) in Nursing programme (53455) was granted the Innovation and Technology Scholarship Award 2017, with a cash amount of up to HK\$150,000. The monetary support is to cover the expenses of her overseas attachment and an allowance for a local internship.

Student Exchange Programmes

The School is continuing to strive to nurture students' global vision by establishing collaborative networks with the world's leading nursing institutions to provide more exchange opportunities for students.

In 2017, the School collaborated with partner universities and hospitals to provide 25 student exchange programmes for our students between May and September. A total of 166 nursing students participated in these exchange programmes. The School is committed to broadening students' international perspective through exchange programmes in mainland China and overseas countries.

Apart from outbound exchange programmes, the School also organized inbound exchange programmes for nursing students in healthcare-related disciplines from our partner institutions. Two inbound exchange programmes were held in June to July and September, joined by a total of 48 participants. In addition, the School offered a 5-week inbound clinical placement exchange programme from April to May to a nursing student studying at Karolinska Institutet in Sweden. The student undertook clinical practice in both hospital and community settings during the exchange period.

Inbound Student Exchange Programmes

4-week Inbound Exchange Programme (consisting of a 1-week online segment and a 3-week face-to-face segment)



◀ Group photo taken after a workshop.

1-week Inbound Exchange Programme



▲ Students from Saitama Prefectural University (SPU) and Okayama Prefectural University (OPU) in Japan were presented a Certificate of Achievement on the last day of the programme.

5-week Inbound Clinical Placement



▲ Ms Agholme Kristina Astrid Anita (3rd from left) from Karolinska Institutet practising at Po Tat Community Health Clinic for the Elderly with the Centre's nurse and staff.

Outbound Student Exchange Programmes

In 2017, the scope of the outbound student exchange programmes was progressively extended, and three partner institutions — Shantou University Medical College in mainland China, Okayama Prefectural University in Japan, and Canterbury Christ Church University in the United Kingdom—provided student exchange opportunities for our students for the first time.

Outbound Student Exchange Programmes 2017

CHINA



1



4



7



8



9

1. Wuxi, Mainland China
**Wuxi Medical School,
Jiangnan University**
江南大學無錫醫學院
Clinical Placement
No. of Participants: 10

2. Beijing, Mainland China
Beijing Hui Long Guan Hospital
北京迴龍觀醫院
Clinical Placement
No. of Participants: 10

3. Dalian, Mainland China
Dalian University
The Affiliated Zhongshan Hospital
大連大學（中山醫院）
Clinical Placement
No. of Participants: 5

7. Shantou, Mainland China
Shantou University Medical College
汕頭大學醫學院
Clinical Placement
No. of Participants: 2

8. Chengdu, Mainland China
Sichuan University
West China Hospital
四川大學（華西醫院）
Clinical Placement
No. of Participants: 10

9. Beijing, Mainland China
Beijing Hospital*
北京醫院
Clinical Placement
No. of Participants: 3



4. Shanghai, Mainland China
Fudan University
Huadong Hospital
復旦大學 (華東醫院)
Clinical Placement
No. of Participants: 16

5. Hangzhou, Mainland China
Hangzhou First People's Hospital
杭州市第一人民醫院
Clinical Placement
No. of Participants: 6

6. Hangzhou, Mainland China
Hangzhou Seventh People's Hospital
杭州市第七人民醫院
Clinical Placement
No. of Participants: 11

10. Zhengzhou, Mainland China
Zhengzhou University
Yihe Hospital
鄭州大學 (鄭州頤和醫院)
Clinical Placement
No. of Participants: 10

11. Hangzhou, Mainland China
Zhejiang Chinese Medical University
Zhejiang Hospital of Traditional Chinese Medicine
浙江中醫藥大學 (浙江省中醫院)
Clinical Placement
No. of Participants: 6

12. Hangzhou, Mainland China
Zhejiang University School of Medicine*
Sir Run Run Shaw Hospital
浙江大學醫學院 (邵逸夫醫院)
Clinical Placement
No. of Participants: 9

*in collaboration with FHSS



AUSTRALIA



Australia
La Trobe University
Exchange Programme
 No. of Participants: 2

JAPAN

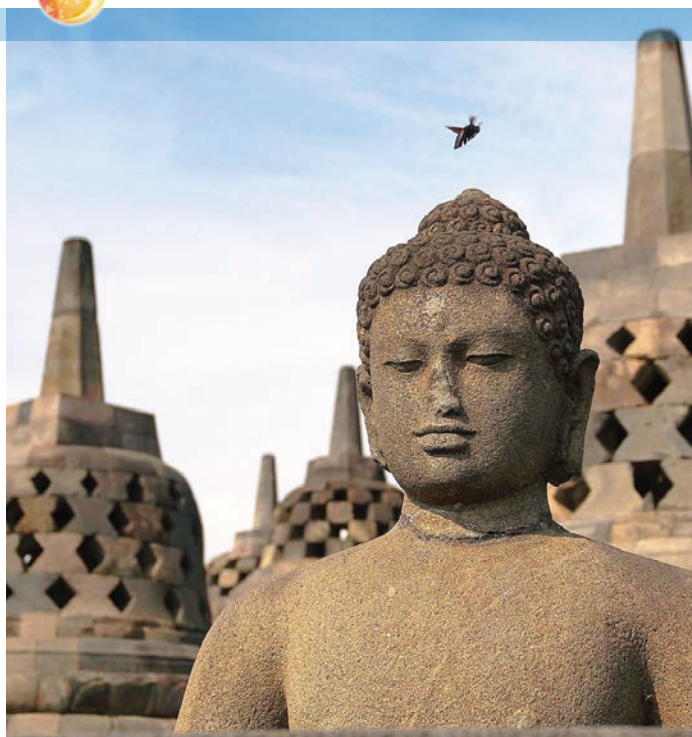


1. Japan
Okayama Prefectural University
Short Exchange Visit
 No. of Participants: 6

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



Indonesia
Riau University
Short Exchange Visit
 No. of Participants: 2



INDONESIA



1



2

1. Thailand
Boromarajonani College of Nursing Changwat Nonthaburi
Clinical Placement
 No. of Participants: 4



THAILAND

2. Thailand
Naresuan University
 Faculty of Nursing
Short Exchange Visit
 No. of Participants: 4



SINGAPORE



Singapore
National University of Singapore
 Alice Lee Centre for Nursing Studies
Short Exchange Visit
 No. of Participants: 4

SWITZERLAND



Switzerland
University of Applied Sciences and Arts Western Switzerland
Exchange Programme
 No. of Participants: 4

UNITED STATES OF AMERICA



United States of America
Alverno College
 JoAnn McGrath School of Nursing
Exchange Programme
 No. of Participants: 6



1



2



UNITED KINGDOM



4



3

1. United Kingdom
Canterbury Christ Church University
International Partnership and Development Department
Clinical Placement
No. of Participants: 6

2. United Kingdom
Coventry University
Department of Nursing and Health Studies
Clinical Placement
No. of Participants: 12

3. United Kingdom
Edinburgh Napier University
Short Exchange Visit
No. of Participants: 4

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

Total No. of Participants:
166

List of Exchange Partners in 2017

In 2017, we have 48 exchange partners all over the world.

AUSTRALIA

- **La Trobe University**
- **University of Wollongong**
Faculty of Science, Medicine and Health

BRAZIL

- **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**
School of Health and Social Services
- **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

MACAU

- **Kiang Wu Nursing College of Macau**
澳門鏡湖護理學院

MAINLAND CHINA

- **Beijing Hospital*** 北京醫院
- **Beijing Hui Long Guan Hospital** 北京迴龍觀醫院
- **Dalian University** 大連大學
The Affiliated Zhongshan Hospital (中山醫院)
- **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)
- **Guangzhou University of Chinese Medicine**
廣州中醫藥大學
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**
華中科技大學
Tongji Medical College (同濟醫學院)
- **Jiangnan University** 江南大學
Wuxi Medical School (無錫醫學院)
- **Shantou University Medical College** 汕頭大學醫學院
- **Shandong University** 山東大學
School of Nursing (護理學院)
- **Sichuan University** 四川大學
West China School of Nursing (華西護理學院)
- **Sun Yat-sen University** 中山大學
- **Zhejiang Chinese Medical University** 浙江中醫藥大學
Zhejiang Hospital of Traditional Chinese Medicine (浙江省中醫院)



- **Zhejiang 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)
- **Zhengzhou University** 鄭州大學
Yihe Hospital (鄭州頤和醫院)

PHILIPPINES

- **University of Santo Tomas**
College of Nursing

SINGAPORE

- **National University of Singapore**
Alice Lee Centre for Nursing Studies

SWEDEN

- **Karolinska Institutet**

SWITZERLAND

- **University of Applied Sciences and Arts Western Switzerland**
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
- **Naresuan University**
Faculty of Nursing

UNITED KINGDOM

- **Canterbury Christ Church University**
International Partnership and Development Department
- **City University of London**
School of Health Sciences
- **Coventry University**
Coventry University Higher Education Corporation
- **The University Court of Edinburgh Napier University**
- **University of Brighton**
- **University of Worcester**
Institute of Health and Society

UNITED STATES OF AMERICA

- **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*



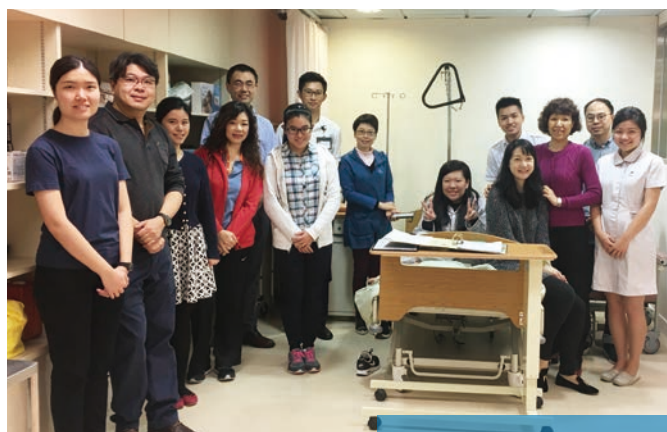
Student Clinical Placement



First Interprofessional Clinical Education Pilot Programme in a Simulated Clinical Setting

With the collaboration and support of the Department of Rehabilitation Sciences and the Department of Applied Social Sciences of PolyU, final-year students from the Faculty of Health and Social Sciences (FHSS) participated in the first interprofessional clinical education pilot programme, starting in December 2016.

Students improved their awareness of teamwork in health care and rehabilitation issues in clinical / community settings or the simulation laboratory. In addition, they gained perspective on their own professional role through teamwork and interaction with others. The School expanded this programme as a new method of education for FHSS students.



Briefings on Inpatient Medication Order Entry (IPMOE)



▲ SN staff participated in a briefing on IPMOE in Tuen Mun Hospital.

The New Territories West Cluster of the Hospital Authority organized two identical briefing sessions for Administration of Medication (AOM) Assessment via IPMOE in October. Subject lecturers of Fundamentals of Nursing Therapeutics, clinical staff, a laboratory manager and a senior IT officer attended the briefing. The School's staff received more up-to-date information and had a chance to simulate IPMOE operation.

Caritas Medical Centre (CMC) also organized a sharing session on operating procedure on AOM via the IPMOE system in mid-October. Clinical coordinators and clinical staff participated in the sessions and expressed their concerns regarding the teaching and learning of university teachers and students via IPMOE.

Students must enter their official name and student identity card number in the Hospital Authority's Clinical Management System to trace their records. This is a step change from the CMC, where students were allowed to practice the IPMOE under clinical mentors' supervision and the IPMOE procedure was released.

Familiarization of Clinical Services Programme

The School continued to run the familiarization of clinical services programme between May and July. A total of 107 participants joined the visits to the Accident and Emergency Department in North Lantau Hospital (NLTH), the Hong Kong Red Cross Blood Transfusion Service (BTS), the Hong Kong Housing Society Elderly Resources Centre (ERC), the Lion Kidney Educational Centre (LKEC) and the Dialysis Centre in the Pamela Youde Nethersole Eastern Hospital (PYNEH).



▲ SN staff and students participated in a visit to the Hong Kong Red Cross Blood Transfusion Service.

The majority of the respondents believe that these visits help them to familiarize themselves with the working environment of the department/specialty, as well as to understand the clinical services provided by the department/specialty. They also recommended that other students join this programme in the future.



Clinical Partners

A total of 50 clinical partners, including hospitals under the Hospital Authority, private hospitals, government departments and non-government organizations collaborated with the School, providing opportunities for clinical placement for both general nursing and mental health students in 2017.

List of Clinical Partners in 2017

Public Hospitals under the Hospital Authority

Hong Kong East Cluster

- **Pamela Youde Nethersole Eastern Hospital**
General Nursing & Mental Health Nursing
- **Ruttonjee Hospital**
General 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
- **Kwong Wah Hospital**
General Nursing
- **Our Lady of Maryknoll Hospital**
General Nursing
- **Queen Elizabeth Hospital**
General Nursing
- **TWGHs Wong Tai Sin Hospital**
General Nursing

Kowloon East Cluster

- **Tseung Kwan O Hospital**
General Nursing
- **United Christian Hospital**
General Nursing

Kowloon West Cluster*

- **Caritas Medical Centre**
General Nursing
- **Kwai Chung Hospital**
Mental Health Nursing
- **North Lantau Hospital**
General Nursing
- **Princess Margaret Hospital**
General Nursing
- **Yan Chai Hospital**
General Nursing

New Territories East Cluster

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

New Territories West Cluster

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

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



Private Hospital

- **Hong Kong Sanatorium & Hospital**
General Nursing

Government Department

- **Public Health Nursing Division, Department of Health**
General Nursing

NGOs/Colleges

- | | |
|--|---|
| <ul style="list-style-type: none"> • Angel of Diabetic Limited
<i>General Nursing</i> • Association for Engineering and Medical Volunteer Services
<i>General Nursing</i> • Caritas Lai Chi Kok Worker's Centre
<i>General Nursing</i> • Christian Family Service Centre
<i>General Nursing</i> • Community Health Organisation for Intervention, Care and Empowerment Limited (C.H.O.I.C.E.)
<i>General Nursing</i> • Community Service Sub-Committees of the Federation of PolyU Alumni Association
<i>General Nursing</i> • Enlighten-Action for Epilepsy
<i>General Nursing</i> • Hong Kong Alzheimer's Disease Association
<i>General Nursing</i> • Hong Kong Children & Youth Services
<i>General Nursing</i> • Hong Kong Council of Social Services
<i>General Nursing</i> • Hong Kong Federation of Women's Centres
<i>General Nursing</i> • Hong Kong Housing Society
<i>General Nursing</i> • Hong Kong Kidney Foundation
<i>General Nursing</i> | <ul style="list-style-type: none"> • Playright Children's Play Association
<i>General Nursing</i> • Rotary Club of New Territories
<i>General Nursing</i> • Shun On District Elderly Community Centre, Christian Family Service Centre
<i>General Nursing</i> • Student Support Services, Po Leung Kuk
<i>General Nursing</i> • The Salvation Army
<i>General Nursing</i> • TWGHs Integrated Centre on Smoking Cessation
<i>General Nursing</i> • University Health Service, The Hong Kong Polytechnic University
<i>General Nursing</i> • Whampoa Alliance Church
<i>General Nursing</i> • Wong Tai Sin Bright Orchid Women's Association
<i>General Nursing</i> • World Health Organization Collaborating Centre for Community Health Services, School of Nursing, The Hong Kong Polytechnic University
<i>General Nursing</i> • New Life Psychiatric Rehabilitation Association
<i>Mental Health Nursing</i> • Richmond Fellowship of Hong Kong
<i>Mental Health Nursing</i> • Hong Kong Sheng Kung Hui Welfare Council Limited
<i>Mental Health Nursing</i> |
|--|---|



INTERDISCIPLINARY RESEARCH



Four Research Themes

The School aims to become internationally recognized 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	Dr Angela Leung	Prof. Alice Yuen Loke	Prof. Maritta Valimaki	Prof. Frances Wong
Research Priority Areas	<ul style="list-style-type: none"> Frailty Community and long-term care Dementia care 	<ul style="list-style-type: none"> Child and adolescent health Family health Community health 	<ul style="list-style-type: none"> Interventions for people with severe mental illness (SMI) Challenging relationships, social adversity, and mental health 	<ul style="list-style-type: none"> 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
Related Centres	Centre for Smart Health			
	Centre for Gerontological Nursing	<ul style="list-style-type: none"> WHO Collaborating Centre for Community Health Services Squima International Center for Infection Control 		

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 models that can characterise frailty over time, identify older people at risk of frailty and the associated risk factors, and design and test interventions or programmes to minimise negative clinical and socio-economic 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.



▲ Ageing and Health Research Group.

Completed Projects in 2017

Project Title	Principal Investigator (PI)/ Rep. PI	Project Duration (Months)	Funding Source	Total Grant (HK\$)
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
Project on Medication Adherence and Health Literacy	Dr LEUNG Yee Man Angela	7	Hong Kong Housing Society	99,475

Research Theme Leader:

Angela Leung (Dr)

Associate Professor

PhD (HKU), MHA (UNSW), BN (Deakin), FHKAN (Gerontology), FHKAN (Education and Research), CADENZA fellow



Newly Funded Projects in 2017

Project Title	Principal Investigator (PI)/ Rep. PI	Project Duration (Months)	Funding Source	Total Grant (HK\$)
Promoting Mental Health Literacy in Aging: Identifying Depressive Symptoms Through Photos	Dr LEUNG Yee Man Angela	24	Health Care & Promotion Fund (Seed Funding)	493,863
Sensor-based Stress Monitoring and Alleviating (SbSMA) System for Enhancing Caregiving in Dementia: A Pilot Randomized Controlled Trial	Dr LEUNG Yee Man Angela	36	Start-up Fund for New Recruits	400,000
Genetic Analysis of Alzheimer's Disease in Hong Kong (Sub-account of 5-ZJL7)	Dr LEUNG Yee Man Angela	12	Donation	165,663
Evaluation of an Individualized Exercise Programme Plus Behavioural Change Enhancement Strategies for Managing General Fatigue in Community-dwelling Frail Older People: A Cluster Randomized Controlled Trial	Dr LIU Yat Wa Justina	24	Central Research Grant	105,000
Project on Medication Adherence and Health Literacy - Part 2	Dr LEUNG Yee Man Angela	5	Hong Kong Housing Society	100,000

Graduated Research Student in 2017

Student Name	Award	Project Title	Supervisory Team
TSANG Ka Kit	PhD	A Pilot Randomized Controlled Trial of Nanocrystalline Silver Dressing against Manuka Honey Dressing and Conventional Dressing in Healing Diabetic Foot Ulcer	<i>Chief-supervisor:</i> Dr KWONG Wai Yung <i>Co-supervisor:</i> Prof. CHUNG Joanne W.Y. Dr TO Shing Shun Tony Prof. WONG Kwok Shing Thomas



Family and Community Health



▲ Family and Community Health Research Group

This research theme embraces an orientation towards health, focusing on 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 well-being, and healthy behaviours for children and adolescents in 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.

Completed Projects in 2017

Project Title	Principal Investigator (PI)/ Rep. PI	Project Duration (Months)	Funding Source	Total Grant (HK\$)
Individual, Acceptance and Commitment Therapy in Smoking Cessation for People with Schizophrenia: A Randomized Control Trial	Dr MAK Yim Wah	36	General Research Fund	1,095,000
Using Orthotopic MB49/C57 Mice Model to Delineate the Prophylactic Activity of Ganoderma Lucidum in Bladder Transitional Cell Carcinoma	Dr YUEN Wai Man	30	General Research Fund	769,642

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)



The Effect of a Father Inclusive Psychoeducation Program On Postnatal Depression: A Randomized Controlled Trial	Dr NGAI Fei Wan	48	General Research Fund	547,834
Effectiveness of School-based Weight Management Program for Overweight and Obese Students with Mild Intellectual Disability in a Special School: A Randomized Controlled Trial	Dr LEE Regina Lai Tong	30	General Research Fund	446,870
Effects of Indoor Environmental Factors on Influenza Like Illness in the Older Population of Hong Kong (CRG)	Dr YANG Lin	24	General Research Fund	252,000
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	21	Departmental General Research Fund	150,050
The Process of Decision Making on Mode of Delivery among Women Living in Hong Kong	Prof. LOKE YUEN Jean Tak Alice	24	Departmental General Research Fund	136,930
Work Engagement of Nurse Aides at Long-term Care Institutions: its Relationship with Work Stress, Job Satisfaction and Intension to Leave	Dr CHEUNG Kin	26	One-line Budget	130,104
Raising Awareness Of Disaster Risk And Personal Protection Among Teenagers In Hong Kong	Dr FUNG Wai Man Olivia	15	Health and Medical Research Fund (HMRF)	99,399

Newly Funded Projects in 2017

Project Title	Principal Investigator (PI)/ Rep. PI	Project Duration (Months)	Funding Source	Total Grant (HK\$)
High-fidelity and Real-time 3D/4D Ultrasound Visualization System via Advanced Image Denoising and Volume Rendering	Dr QIN Jing	18	Innovation and Technology Fund	1,917,782
Association of Green Space with Quality of Life and Health Status of Neighborhood Residents: A Mix-method Research Project	Dr YANG Lin	36	Dean's Reserve	1,000,000
*Resilience in the Face of Childhood Adversity: A Mixed Methods Study of Young Adults in Hong Kong	Dr HO Wing Ka Grace	24	Start-up Fund for New Recruits	400,000

Towards Precise Planning and Prediction of Shock Wave Lithotripsy via Advanced Causality Discovery Modelling, Machine Learning and Virtual Reality	Dr QIN Jing	36	Start-up Fund for New Recruits	400,000
Couples' Family Sense of Coherence during Parental Transition	Dr NGAI Fei Wan	18	Start-up Fund for New Recruits	395,030
Virtual BCI-Based Rehabilitation Leveraging Haptics and Harnessing Insights from Healthy People Using Transfer Learning	Dr CHOI Kup Sze	24	General Research Fund	386,084
Healthy Families Healthy Minds	Dr CHIANG Chung Lim Vico	12	Health Care and Promotion Fund	267,000
Relationship between Physical Fitness, Cardio-vascular Risk, Recovery of Mental Illness and Quality of Life among People with Severe Mental Illness in Hong Kong	Dr MAK Yim Wah	18	Departmental General Research Fund	150,000
Proteome Signature of Intervertebral Disc in Mice with Normal Lumbar Development and Age-dependent Degeneration	Dr YUEN Wai Man	24	Central Research Grant	105,000

* Also a newly funded project in the Mental Health Care theme.

Graduated Research Students in 2017

Student Name	Award	Project Title	Supervisory Team
HO Hok Man	PhD	The Lived Experience of Foreign Domestic Helpers in Caring for Older People in the Community: A Hermeneutic Phenomenological Study	Chief-supervisor: Dr CHIANG Chung Lim Vico Co-supervisor: Dr KU Hok Bun
REN Jianhua	PhD	Evolving Meaning from Being Pregnant and Becoming a New Mother over the Period of a Major Earthquake: A Grounded Theory Study	Chief-supervisor: Dr CHIANG Chung Lim Vico Co-supervisor: Prof. JIANG Xiaolian
YING Liying	PhD	The Feasibility and Effects of a 'Partnership and Coping Enhancement Programme (PCEP)' for Couples Undergoing in Vitro Fertilization Treatment	Chief-supervisor: Prof. LOKE YUEN Jean Tak Alice Co-supervisor: Dr WU Lai Har



Mental Health Care



▲ Mental Health Care Research Group

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.

Completed Projects in 2017

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	General Research Fund	688,222
An Evaluation of the Effectiveness of a Mindfulness-based Illness Management Program for Chinese People with Schizophrenia: A Randomised Controlled Trial	Prof. CHIEN Wai Tong	29	Health and Medical Research Fund (HMRF)	653,270



Research Theme Leader:

Maritta Anneli Valimaki (Prof.)

Professor

Docent (Tampere, FI); PhD (Turku, FI); LicNSc (Turku, FI); MNSc (Turku, FI); Specialized Nurse (Lappeenranta, FI); RN (Lahti, FI)

Use of a Mindfulness-based Intervention for Family Carers of People with Dementia in the Community: A Feasibility Study	Prof. CHIEN Wai Tong	18	Collaborative Research Grants Scheme, Dean's Reserve	337,800
Power Dynamics in the Student-Teacher Relationship: the Voices of Nursing Students	Dr CHAN Chung Yee Zenobia	18	General Research Fund	205,440
Feasibility and Acceptability of an Online Self-help Programme for Managing Eating Disorders in Health Clinics	Dr LEUNG Sau Fong	36	One-line Budget	149,303

Newly Funded Projects in 2017

Project Title	Principal Investigator (PI)/ Rep. PI	Project Duration (Months)	Funding Source	Total Grant (HK\$)
*Resilience in the Face of Childhood Adversity: A Mixed Methods Study of Young Adults in Hong Kong	Dr HO Wing Ka Grace	24	Start-up Fund for New Recruits	400,000
Developing User-centered Treatment Culture to Prevent Patient Aggressive Events in Psychiatric Hospitals	Prof. VAELIMAEKI Maritta Anneli	24	Start-up Fund for New Recruits	400,000
Understanding Positive Youth Development among the Ethnic Minority Adolescents in Hong Kong: Using a Mixed-method Approach	Dr CHAN Chung Yee Zenobia	24	Dean's Reserve	300,000
Laughter Yoga for Improving Depression, Anxiety and Stress in People Diagnosed with Major Depressive Disorder: A Feasibility Study	Dr BRESSINGTON Daniel Thomas	18	Departmental General Research Fund	149,969

* Also a newly funded project in the Family and Community Health theme

Transitional, Supportive & Palliative Care

This research theme is committed to fostering partnerships between individuals, families, health care providers and communities to achieve the optimal benefits of transitional care. Members of the theme conduct empirical testing of interventions, develop models for symptom management and complex health needs, and evaluate the mechanisms of therapies for enhancing the quality of care.



▲ Transitional, Supportive & Palliative Care Research Group.

Main research 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.

Completed Projects in 2017

Project Title	Principal Investigator (PI)/ Rep. PI	Project Duration (Months)	Funding Source	Total Grant (HK\$)
A Randomised Controlled Trial to Assess the Effectiveness and Cost Effectiveness of Acupuncture in the Management of Chemotherapy-induced Peripheral Neuropathy	Prof. MOLASIOTIS Alexandros	32	Health and Medical Research Fund (HMRF)	969,700
The Effectiveness of a Pressure Ulcer Prevention Programme for Older People in For-profit Private Nursing Homes: A Cluster Randomised Controlled Trial	Dr LEE Hong	24	Health and Medical Research Fund (HMRF)	875,000



Research Theme Leader:

Frances Wong (Prof.)

Professor

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

Electroacupuncture for Tapering Off Long-Term Benzodiazepine Use: A Randomized Controlled Trial	Dr YEUNG Wing Fai	28	Health and Medical Research Fund (HMRF)	732,485
Investigation of Sleep Quality and Executive Functioning in Hong Kong Adolescents	Dr HO Yuen Shan	19	Start-up Fund for New Recruits	290,400
A Language Analysis of Speak-up Strategies in an Intensive Care Unit Using Existing Data of Audio-recorded Clinician-to-clinician Interactions	Dr CHAN Engle Angela	10	Hong Kong Hospital Authority	184,000
Learning from and with Each Other: Seminars in the Global Classroom	Dr CHAN Engle Angela	24	Collaborative Research Grant Scheme, Dean's Reserve	153,600
Time-varying Predictors of All-cause Mortality in Chinese Long-term Dialysis Patients	Dr LEE Hong	18	Departmental General Research Fund	150,000
Effectiveness of Auriculotherapy on Lower Urinary Tract Symptoms in Elderly Men: A Randomized Controlled Feasibility Study	Dr SUEN Kwai Ping Lorna	34	One-line Budget	150,000
Comparison of Respiratory Protection and Comfort of Different Types of N95 Masks during Nursing Procedures in a Simulated Clinical Setting	Dr SUEN Kwai Ping Lorna	24	One-line Budget	150,000
Implementing Patient Navigation for Dying ICU Patients: A Pilot Study	Dr CHUNG Pui Man	27	One-line Budget	149,869
Building Resilience in Nursing and Health Care Student Workforce	Dr CHING Siu Yin	34	Departmental General Research Fund	149,235
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
Partnering with Families to Promote Nutrition in Cancer Care: The PICNIC Feasibility Study	Prof. MOLASIOTIS Alexandros	18	Griffith University, Australia	41,722
Building Resilience in the Nursing Student Workforce: Qualitative Study among Nursing Students in Hong Kong	Dr CHING Siu Yin	19	Sigma Theta Tau International	38,773

Newly Funded Projects in 2017

Project Title	Principal Investigator (PI)/ Rep. PI	Project Duration (Months)	Funding Source	Total Grant (HK\$)
Temporal Association Between Objectively-Measured Smartphone Usage, Sleeping Quality, and Physical Activity in Hong Kong Adolescents and Young Adults	Dr LEE Hong	18	RGC Early Career Scheme	606,008
Clustering Clinical Profile, Exploring Patient-reported Symptoms and their Relationships with Inflammatory Biomarkers and Clinical Prognostic Data in Febrile Neutropenic Patients with Hematological Disorders	Dr CHAN Choi Wan	18	Start-up Fund for New Recruits	400,000
Validation Study of the Chinese Version of Children's ChronoType Questionnaire and Agreement Rates Between Different Measures for Children's Sleep Patterns	Dr YEUNG Wing Fai	24	Start-up Fund for New Recruits	399,975
Collaborative Learning in the Global Classroom - Widening the Horizon	Dr CHAN Engle Angela	24	Dean's Reserve	181,572
The Effects of Community-based Health-social Partnership Program for Discharged Community-living Non-frail Older Adults: A Pilot Study	Prof. WONG Kam Yuet	12	Departmental General Research Fund	150,000
Effects of Mode of Delivery and Type of Infant Feeding on Gastrointestinal Microbiota Compositions, and Atopic Manifestations in Early Infancy: A Prospective Cohort Study	Dr WU Lai Har	24	Departmental General Research Fund	150,000
Teaching and Learning Experiences of an Interprofessional Education Programme for Undergraduate Students in Health and Social Care Disciplines	Prof. WONG Kam Yuet	12	Dean's Reserve	114,254
Elucidating the Role of JNK3 as Major Player in Cigarette Smoking-induced Pre-Alzheimer's Pathophysiology-Implication for the Risk for Alzheimer Dementia	Dr HO Yuen Shan	24	Central Research Grant	105,000

Research-related Centres

Four research-related centres have been established to facilitate and support research initiatives within or across the research themes and inter-disciplinary research projects conducted by research theme members with PolyU and non-PolyU collaborators.



Centre for Smart Health

Devoted to research and development of smart health through innovations and technology.



Centre Director
Dr Thomas Choi



Centre for Gerontological Nursing

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



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



SQUINA INTERNATIONAL
CENTRE FOR INFECTION CONTROL
雪肌蘭國際感染控制中心

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

World-Leading and High-Impact Publications

2016 MASCC and ESMO Guideline Update for The Prevention of Chemotherapy- and Radiotherapy-Induced Nausea and Vomiting and of Nausea and Vomiting in Advanced Cancer Patients

Despite the considerable progress achieved in the last 30 years, vomiting and nausea continue to be two of the most distressing side-effects of cancer chemotherapy. Several professional organisations have published recommendations on the optimal antiemetic prophylaxis in patients who receive chemotherapy and/or radiotherapy.

The European Society of Medical Oncology (ESMO) and the Multinational Association of Supportive Care in Cancer (MASCC) announced the 2010 antiemetic guidelines following the third Consensus Conference on Antiemetic Therapy in Perugia in 2009.

Subsequently, due to the emergence of new findings and new antiemetic agents, experts around the world met in Copenhagen in 2015 to update recommendations in the MASCC/ESMO antiemetic guidelines. An update of these recommendations, including studies published from 1 January 2009 to 30 June 2015 and discussed in Copenhagen, is presented in this paper.

The 2016 MASCC/ESMO Antiemetic Guidelines represents several important changes and first-time inclusions. This is the first time that recommendations about management of nausea and vomiting in advanced cancer have been included, as opposed to only nausea and vomiting induced by chemotherapy or radiotherapy.

The guidelines provide an update on the classification of the emetogenic potential of antineoplastic agents, adding 42 new drugs, many of which are administered orally. The MASCC antiemetic guideline recommendations can at present only be applied to intravenously administered antineoplastic agents, given the virtual absence of antiemetic trials with orally administered antineoplastics and the considerable uncertainty in defining the emetogenic risk of oral agents.

The recommendations for the prophylaxis of nausea and vomiting induced by different chemotherapeutic agents have been updated. For example, the new guidelines contain recommendations for two new neurokinin receptor antagonists (NK1 RAs), netupitant and rolapitant, and discuss their role in the prophylaxis of acute and delayed nausea and vomiting induced by cisplatin, anthracycline–cyclophosphamide (AC) or carboplatin.

Two studies suggested that aprepitant and metoclopramide were equally effective in the prophylaxis of cisplatin-induced delayed nausea and vomiting, and that dexamethasone was as effective as aprepitant in women with breast cancer receiving an AC combination, given the fact that aprepitant was applied on day 1.

Adding an NK1 RA to the previous standard regimen consisting of a 5-HT₃ RA plus dexamethasone has been addressed in multiple-day cisplatin-based chemotherapy and high-dose chemotherapy.

Finally, a new classification of the emetogenic potential of radiotherapy according to irradiated sites and an update of the recommended antiemetic treatments have been reported, as well as the use of fosaprepitant in combined chemoradiotherapy.

Control of vomiting has markedly improved during the past few years. Therefore, in the future, attention should shift to the control of nausea. Preliminary clinical trials of several agents, such as olanzapine, amisulpride and ginger, suggest that some agents may be more effective against acute and delayed nausea than against acute and delayed vomiting. Identification and characterisation of anti-nausea agents and rational inclusion of these agents into antiemetic regimens may be the primary challenge in the coming years.

[Journal's impact factor = 11.855]



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Prediction Tool to Identify Cancer Patients at High Risk for Chemotherapy-Induced Nausea and Vomiting

Despite the availability of effective antiemetics and evidence-based guidelines, up to 40% of cancer patients receiving chemotherapy fail to achieve complete control of chemotherapy-induced nausea and vomiting (CINV). CINV risk prediction models have been developed, but these models have limitations, particularly regarding the small sample sizes and limited geographic regions used in their development.

This study is a multinational and large sampling collaborative effort, supported by a research grant from Helsinn Healthcare, which combines the respective datasets to develop a repeated measures prediction model that would allow personal CINV risk to be estimated on a cycle-by-cycle basis.

Data from 1198 patients enrolled in one of five non-interventional CINV prospective studies were pooled. Generalised estimating equations were used in a backwards elimination process with the P-value set at <0.05 to identify the relevant predictive factors. A risk-scoring algorithm (range 0–32) was then derived from the final model coefficients to determine the likelihood of patients experiencing \geq grade 2 CINV. Finally, a receiver-operating characteristic curve (ROCC) analysis was done to measure the predictive accuracy of the scoring algorithm. The analysis indicated good predictive accuracy, with an area-under-the-curve of 0.69 (95% CI: 0.67–0.70).

Over 4197 chemotherapy cycles, 42.2% of patients experienced \geq grade 2 CINV. Eight risk factors were identified: patient age <60 , the first two cycles of chemotherapy, anticipatory nausea and vomiting, history of morning sickness, hours of sleep the night before chemotherapy, CINV in the prior cycle, patient self-medication with non-prescribed treatments, and the use of platinum or anthracycline-based chemotherapy.



The mathematical algorithm allows the identification of patients at high risk before each cycle of chemotherapy. Patients with risk scores ≥ 16 units would be considered at high risk for developing \geq grade 2 CINV.

The CINV risk prediction tool is an important step for incorporating individual patient CINV risk factors when selecting antiemetic prophylaxis, which could also be considered by the international guideline development committees. The risk prediction website (<http://www.cinvrisk.org>) will also allow the percentage of CINV risk to be rapidly calculated to modify antiemetic prophylaxis. Therefore, the clinical application of this tool will be an important source of patient-specific risk information for the oncology team and may enhance patient care by optimising antiemetic use in a proactive manner.

[Journal's impact factor = 11.855]

Clinician-Supported, Problem-Solving-Based Bibliotherapy for Family Caregivers of People with First-Episode Psychosis



Family intervention for people with first-episode psychosis (FEP) is an integral component of treatment, with positive effects mainly on patients' mental state and relapse rate. However, comparatively little attention has been paid to the effect of family intervention on caregivers' stress coping and well-being, especially in non-Western countries.

This study was supported by the General Research Fund (2014–2015) of the University Grants Committee, Hong Kong. The aim was to test the effects of a 5-month clinician-supported problem-solving bibliotherapy (CSPSB) for Chinese family caregivers of patients with FEP on improving family burden and carers' problem-solving and caregiving experience, and on reducing psychotic symptoms and re-hospitalisation rates, compared with those who only received usual outpatient family support (UOFS). A randomised controlled trial was conducted across two early psychosis clinics in Hong Kong, where there were usual family support services for these patients.

A total of 116 caregivers were randomly selected and, after baseline measurement, randomly assigned to the CSPSB or UOFS. They were also assessed at 1 week and 6 and 12 months post-intervention. Intention-to-treat analyses indicated that the CSPSB group reported significantly greater improvements in family burden and caregiving experience, and reductions in the severity of psychotic symptoms and duration of re-hospitalisation, than the UOFS group at both 6- and 12-month follow-ups. In summary, the CSPSB can produce moderate long-term benefits to both caregivers and their patients with FEP, and is a low-cost adjunct to UOFS.

These favourable findings warrant further research on this intervention involving family caregivers from different socio-economic and cultural backgrounds in Asian populations and over a longer-term follow-up (e.g., >2 years), as well as in people with longer histories of psychosis and/or other comorbid mental health problems.

[Journal's impact factor = 7.575]



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Professor and Associate Dean (FHSS)

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Factors Associated with Dropout during the Recruitment and Follow-Up Periods of an mHealth-Based Randomised Controlled Trial for Mobile.Net to Encourage Treatment Adherence for People with Serious Mental Health Problems

Interventions using mobile phone technology (mHealth) have been applied to randomised controlled trials (RCTs). However, many methodological concerns in RCTs have been raised when mHealth interventions have targeted people with serious mental health problems. Most concerns are related to the patient recruitment process, participant engagement in mHealth-based interventions, or technological details related to intervention delivery, and they were inadequately addressed in previous studies.

Low engagement and discontinuation are fundamental problems in technology-based intervention studies. To better understand how mobile apps could be developed, evaluated, and implemented into routine care, it is important to truly understand which study phases make the RCT the most vulnerable in the field of mental health care.

This study was supported by grants from the Academy of Finland, Turku University Hospital, Satakunta Hospital District, Foundations' Professor Pool, the Finnish Cultural Foundation, and the University of Turku. The research team mapped the recruitment and the 12-month trial follow-up periods of participants to provide a picture of the dropout predictors from an mHealth-based multicenter RCT, titled "Mobile.Net", targeted at people with serious mental health problems. The study evaluated the effects of tailored short message service (SMS) text messages intended to encourage patient medication adherence and outpatient care for adult patients with psychosis.

The recruitment and follow-up processes of the Mobile.Net trial were monitored and analysed. Recruitment outcomes were recorded as screened, eligible, consent not asked, refused, and enrolled. Patient engagement was recorded as follow-up outcomes: (1) attrition during short message service (SMS) text message intervention and (2) attrition during the 12-month follow-up period. Multiple regression analysis was used to identify the demographic factors related to recruitment and retention.

A total of 1139 patients were recruited during a 15-month period. Of 11,530 people screened, 36.31% ($n=4186$) were eligible. This eligible group tended to be significantly younger (mean 39.2, SD 13.2 years, $P<.001$) and more often women (2103/4181, 50.30%) than those who were not eligible (age: mean 43.7, SD 14.6 years; women: 3633/6514, 55.78%). When potential participants were asked to give consent, a further 2278 refused. Those who refused were a little older (mean 40.2, SD 13.9 years) than those who agreed to participate (mean 38.3, SD 12.5 years; $t_{1842}=3.2$, $P<.001$). The outcomes were measured after 12 months of the SMS text message intervention. Attrition from the SMS text message intervention was 4.8% (27/563). The patient dropout rate after 12 months was 0.36% (4/1123), as discovered from the register data. In all, 3.12% (35/1123) of the participants withdrew from the trial. However, dropout rates from the patient survey (either by paper or telephone interview) were 52.45% (589/1123) and 27.8% (155/558), respectively. Almost all participants (536/563, 95.2%) tolerated the intervention, but those who discontinued were more often women (21/27, 78%; $P=.009$). Finally, participants' age ($P<.001$), gender ($P<.001$), vocational education ($P=.04$), and employment status ($P<.001$) seemed to predict their risk of dropping out from the postal survey.

In conclusion, patient recruitment and engagement in the 12-month follow-up conducted with a postal survey were the most vulnerable phases in the SMS text message-based trial. People with serious mental health problems may need extra support during the recruitment process in SMS text message-based trials in order to ensure that there is sufficiently robust evidence for mental health care.

[Journal's impact factor = 5.175]

Maritta Anneli Valimäki (Prof.)

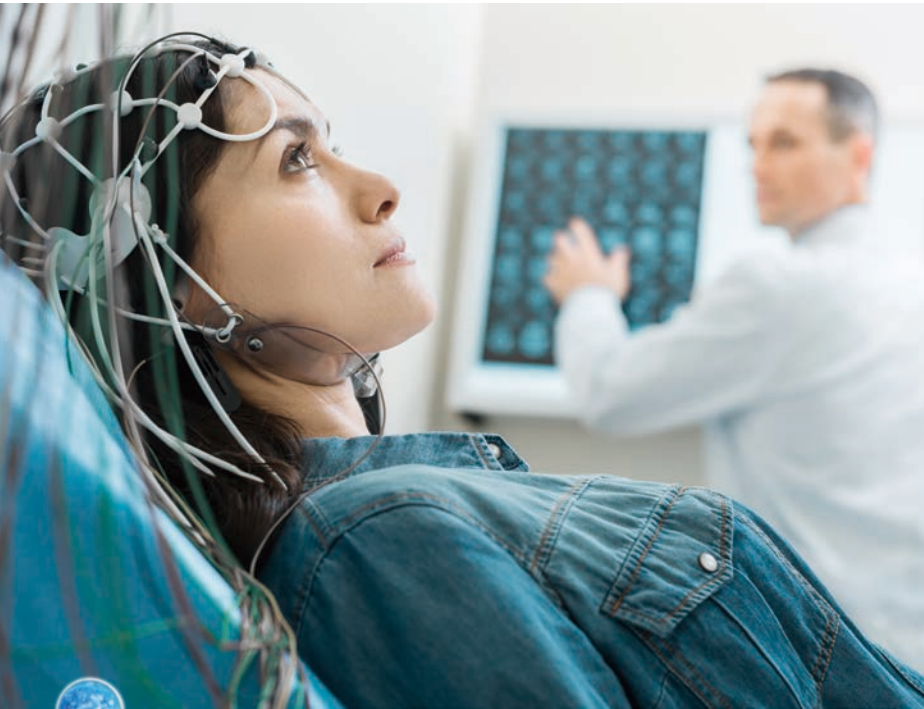
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Recognition of Epileptic EEG Signals Using a Novel Multiview TSK Fuzzy System



nontrivial to determine the appropriate feature extraction method to be used, and 2) although many classical machine learning methods have been used for epileptic EEG recognition, most of these are “black box” approaches, and more interpretable methods are desirable.

To address these two challenges, a new epileptic EEG recognition method is proposed, based on a multiview learning framework and fuzzy system modelling. First, multiview EEG data are generated by employing different feature extraction methods to obtain the features from different views of the signals. Second, the classical Takagi–Sugeno–Kang fuzzy system (TSK-FS) is introduced as an easy-to-interpret recognition model to develop a multiview TSK-FS method, called MV-TSK-FS, to identify epileptic EEG signals.

Epilepsy is a common neurological disorder with clusters of nerve cells, or neurons, in the brain that signal abnormally at times and cause seizures. Electroencephalogram (EEG) technology is primarily used to detect epilepsy (seizures) when the brain's normal electrical activity is altered. In the development of automated epileptic EEG signal detection systems, many researchers have focused on classification of the signals using machine learning technologies. Compared with the diagnosis of epileptic EEG signals by doctors, these machine learning approaches could perform signal detection faster and are potentially more accurate.

In general, the construction of an intelligent epileptic EEG recognition system involves two steps. First, an appropriate feature extraction method is applied to obtain representative features from the original raw EEG signals. Second, an effective intelligent model is trained based on the extracted features. However, there exist two major challenges in the process: 1) it is

For the proposed MV-TSK-FS, the importance of each view, i.e., the importance of each feature extraction method, can be evaluated according to the weighting of each view, and consequently the final decision can be made based on the weighted outputs of different views. Experimental results indicate that the MV-TSK-FS is a promising method when compared with the state-of-the-art algorithms.

Although the proposed MV-TSK-FS model has demonstrated effectiveness in the experiments, there is still room for further study. For example, the learning algorithm of the MV-TSK-FS involves several pre-defined parameters, which may be computationally expensive when they are optimised using the common cross-validation strategy. Future work will be conducted to deal with this issue and develop more efficient algorithms.

[Journal's impact factor = 7.671]



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Covariate Adjustments in Randomised Controlled Trials Increased Study Power and Reduced Biasedness of Effect Size Estimation

In scientific and medical research, most studies have been devoted to investigating causal relationships between a treatment and an outcome. Randomised controlled trials (RCTs) provide the highest level of evidence for causal relationships, therefore the RCT design is preferred over other study designs. However, there is a lack of global consensus on how to report the results of RCTs, including ambiguities regarding adjusted analysis, handling of missing variables, and conflicts of interest with funding bodies, all of which affect the reliability of the reported effect sizes. In addition, despite ample evidence from both simulation studies and sensitivity analyses with real data showing that adjusting covariates increases the power of the statistical analysis, adjusted analyses are seldom performed.

This study aims to show that under several assumptions, in randomised controlled trials (RCTs), unadjusted, crude analysis will underestimate the Cohen's d effect size of the treatment, and an unbiased estimate of effect size can be obtained only by adjusting for all predictors of the outcome.

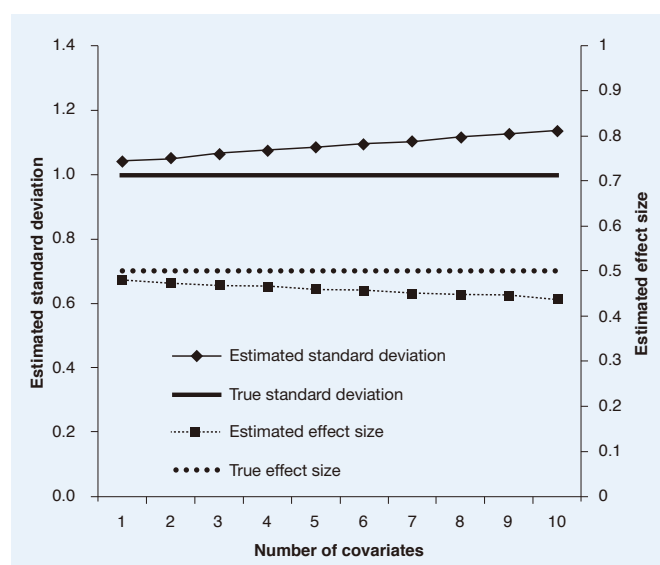
Four simulations were performed to examine the effects of adjustment on the estimated effect size of the treatment and power of the analysis. Data were analysed from the Advanced Cognitive Training for Independent and Vital Elderly (ACTIVE) study (older adults aged 65-94), an RCT with three treatment arms and one control arm.

The results showed that (1) the number of unadjusted covariates was associated with the effect size of the treatment, (2) the biasedness of effect size estimation was minimised if all covariates were adjusted for, (3) the power of the statistical analysis decreased slightly with the number of adjusted noise variables, and (4) exhaustively searching the covariates and noise variables adjusted for can lead to exaggeration of the true effect size. Analysis of the ACTIVE study data showed that, adjusting for covariates, the effect sizes

of all three treatments were 7.39-24.70% greater than those of their unadjusted counterparts, whereas the effect size would be elevated by at most 57.92% by exhaustively searching the variables adjusted for.

In conclusion, all covariates of the outcome in RCTs should be adjusted for, and if the effect of a particular variable on the outcome is unknown, adjustment will do more good than harm.

[Journal's impact factor = 4.978]

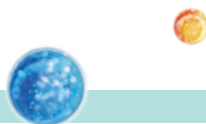


▲ The association between number of unadjusted covariates, the standard deviation of the outcome, and the effect size of the treatment.

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*Reporting Period (1 July 2016 to 30 June 2017)

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SCHOOL ACTIVITIES

The School of Medicine, Zhejiang University
Mainland China



Sanmen Hongjing
Mainland China



Shantou University Medical School
Mainland China

VISITS

06
JANUARY

16
JANUARY

23
JANUARY

07
FEBRUARY

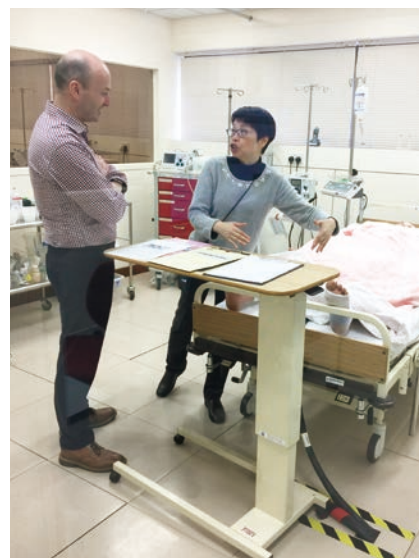
13-17
FEBRUARY

17-24
FEBRUARY

University of Ulsan
South Korea



Edinburgh Napier University
UK



Karolinska Institutet
Sweden

06
MARCH

08
MARCH

29
MARCH

Coventry University
UK



University of Fukui
Japan



Association of Deans of Philippines Colleges of Nursing, Inc
Philippines
James Cook University
Australia

Fujian University of Traditional Chinese Medicine &
West China Women's and Children's Hospital
(Tin Ka Ping Visiting Scholars)
Mainland China



Okayama Prefectural University
Japan



Johns Hopkins University
USA



08
MAY

24-26
APRIL

APRIL -
JUNE



Cyprus University of Technology
Cyprus

San José State University
USA



02
JUNE

13-26
JUNE



University of Texas at Tyler
USA

04
JULY

SEPTEMBER -
DECEMBER

Far East University
South Korea

17
OCTOBER



Capital Medical University & Liaoning University
of Traditional Chinese Medicine
(Tin Ka Ping Visiting Scholars)
Mainland China



University of Southampton
UK

14
NOVEMBER



Okayama Prefectural University
Japan

07
DECEMBER

CONFERENCES,
SYMPOSIUMS
AND EXHIBITIONS

24-27
JANUARY

9-10
MARCH

10-12
MARCH



Offshore Student Exchange Programme and Clinical Placement Poster Exhibition



"Life and Death" Exposition



The 20th East Asian Forum of Nursing Scholars

08
APRIL

19 MAY &
16 JUNE

20
MAY

World Health Day's Health Carnival



Integrative Health Clinic Open Day



Induction Ceremony of Pi Iota Chapter,
Sigma Theta Tau International Honor Society of Nursing

13-19
JULY

28
JULY

The School of Nursing 40th Anniversary Alumni Dinner



18-19
OCTOBER



Chinese Consortium Student Exchange Summer Programme



International Nursing Conference 2017





The School of Nursing 40th Anniversary Gala Dinner



The 3rd Hong Kong Innovation Day

19
OCTOBER

22
NOVEMBER

SEMINARS & WORKSHOPS

07
JANUARY

09
JANUARY

23
JANUARY



Changing Human Behaviour: Reducing Risk

Prof. Didier Pittet

Director, Infection Control and WHO Collaborating Centre on Patient Safety, The University of Geneva Hospitals and Faculty of Medicine

Assessment of In-Use Reliability of N95 Respirators for Respiratory Protection of Health Care Workers

Dr Lorna Suen

Associate Professor, School of Nursing, PolyU



Monitoring the Fitness of Antiviral-Resistant Influenza Strains during an Epidemic

Dr Joseph Wu

Associate Professor, School of Public Health, The University of Hong Kong



The Concept of Sense of Coherence – Theory, Research and Clinical Implications

Prof. Ann Langius-Eklöf

Professor, Sektionschef, Sektionen för omvårdnad, Institutionen NVS, Karolinska Institutet



Physical Activity Research in Cancer Care

Prof. Yvonne Wengström

Professor and Director of Nursing Development, Neurobiology Care Science and Society, Nursing, Karolinska Institutet



Physical Exercise during Treatment for Breast Cancer

Prof. Yvonne Wengström

Professor and Director of Nursing Development, Neurobiology Care Science and Society, Nursing, Karolinska Institutet

14
FEBRUARY

15
FEBRUARY

15
FEBRUARY

Planning, Implementing and Evaluating Peer and Inter-Professional Learning in Clinical Practice

Prof. Elisabeth Carlson

Associate Professor, Department of Care Science, Faculty of Health and Society Malmö University;

Ms Marie Stenberg

Lecturer, Faculty of Health and Society Malmö University



People with Intellectual Disabilities and Complex Health Needs: The Role of Intellectual Disability Liaison Nurses in Supporting Access to Healthcare

Prof. Michael Brown

Head of Protecting & Enhancing Equality in Health and Social Care, Professor in Health & Social Care Research & Nurse Consultant, Edinburgh Napier University, Scotland, UK



ICD-11 Updates on Disorders of Traumatic Stress

Prof. Thanos Karatzias

Professor of Mental Health at Edinburgh Napier University, Clinical & Health Psychologist at the Rivers Centre for Traumatic Stress, Edinburgh, UK

20

FEBRUARY

22

FEBRUARY

28

FEBRUARY

02
MARCH

Evaluating the Effectiveness of Interventions

Prof. Thanos Karatzias

Professor of Mental Health at Edinburgh Napier University, Clinical & Health Psychologist at the Rivers Centre for Traumatic Stress, Edinburgh, UK



Advancing Interprofessional Education at FHSS

Prof. Frances Wong

Professor, School of Nursing, Associate Dean, Faculty of Health & Social Sciences, PolyU

24
MARCH

30
MARCH



End-of-Life Care in Hospitals: Utilising Patient and Family Identified Areas of Importance as The Foundation for Future Improvement Efforts

Prof. Jane Phillips

Director, Centre for Cardiovascular and Chronic Care University of Technology Sydney, Australia

21
APRIL

25
APRIL

Demonstrating the Value Proposition of Nursing & Midwifery –
Data and Stories Matter

Prof. Patricia Davidson

Dean & Professor, School of Nursing,
Johns Hopkins University, USA



05
MAY



Diversity of Practice and Publication in Service Learning:
Fantasy and Success

Dr Cynthia Wu

Senior Teaching Fellow, School of Nursing, PolyU



Pre-departure Preparation and Co-Curricular
Activities for Students' Intercultural Learning

Dr E. Angela Chan

Associate Professor and Associate Head,
School of Nursing, PolyU



Resilience among Nursing Student in Clinical Placement

Dr Shirley Ching

Associate Professor, School of Nursing, PolyU



Planetary Health [and Nursing]

Prof. Ann E. Kurth

Dean, and Linda Koch Lorimer Professor (inaugural chair) of the Yale University School of Nursing



Epidemiology and Risk of Avian Influenza

Dr Peng Wu

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



Tin Ka Ping Visiting Scholar Sharing Seminar

Ms Deng Lijin

Lecturer, School of Nursing, Fujian University of Traditional Chinese Medicine, Mainland China

Ms Wan Xingli

Vice Head Nurse, West China Women's and Children's Hospital, Mainland China

07
JUNE

14
JUNE

30
JUNE

Evidence-based Prevention of Esophageal Adenocarcinoma in Community and Clinical Settings

Dr Shaohua Xie

Assistant Professor in Cancer Epidemiology, Department of Molecular Medicine and Surgery, Karolinska Institutet, Sweden



Internationalisation of Student Learning Experience

Dr Sau-fong Leung

Assistant Professor, School of Nursing, PolyU

22
SEPTEMBER

21
JULY

21
NOVEMBER

29
NOVEMBER

30
NOVEMBER

30
NOVEMBER



Tin Ka Ping Visiting Scholar Sharing Seminar

Ms Xiao Shuqi

Associate Professor, School of Nursing, Capital Medical University, Mainland China

Ms Zhang Lijuan

Teaching Assistant, School of Nursing, Liaoning University of Traditional Chinese Medicine, Mainland China



Home-based HIV Self-testing with Online Real-time Counseling - An Innovative and Effective Means to Improve Coverage of HIV Testing in Community Setting

Dr Zixin Wang

Research Assistant Professor, JC School of Public Health and Primary Care, The Chinese University of Hong Kong



Grant Writing Workshop

Dr Tara Cortes

Executive Director, Hartford Institute for Geriatric Nursing & Professor in Geriatric Nursing, New York University College of Nursing



Nurses Specialized in Geriatrics/Gerontology: Preparation and Opportunities

Dr Tara Cortes

Executive Director, Hartford Institute for Geriatric Nursing & Professor in Geriatric Nursing, New York University College of Nursing, USA

FORTHCOMING EVENTS IN 2018

Global Healthcare Innovation Academy 2018

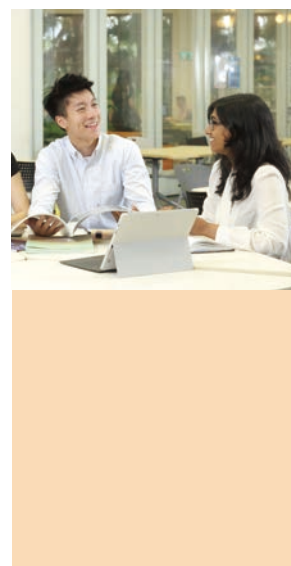


Theme: Innovation · Entrepreneurship · Society

Date: 29-30 August 2018

Venue: The Hong Kong Polytechnic University

Website: <http://www.ghiaevent.com/>





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承先啟後 繽紛錦繡看明天


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