RGC Ref. No.:
UGC/IDS24/18
(please insert ref. above)

RESEARCH GRANTS COUNCIL
COMPETITIVE RESEARCH FUNDING SCHEMES FOR
THE LOCAL SELF-FINANCING DEGREE SECTOR

INSTITUTIONAL DEVELOPMENT SCHEME (IDS)
RESEARCH INFRASTRUCTURE GRANT

Completion Report
(for completed projects only)

__Submission Deadlines__: 1. *Auditor's report with unspent balance, if any: within __six__ months of the approved project completion date.*   2. *Completion report: within __12__ months of the approved project completion date.*

__Important Note:__   **In completing the report, please use the following format:**   Page limit: Items 1 to 5 and Summary of Completion Report: no page limit   Items 6 to 9: maximum __20 A4 pages__ (excluding any appendices and attachments)   Font: Times New Roman   Font Size: __Not smaller__ than Point 12   Margin: Two centimeters margin all around   Spacing: Single-line spacing

1. **Project Title**

   Establishment of Centre for Ageing and Healthcare Management Research (CAHMR)

   老齡化和醫療管理研究中心之建立

2. **Investigator(s) and Academic Department(s) / Unit(s) Involved[#]**

Project Team	Name / Post	Department / Unit	Average Number of Hours Per Week Spent on this Project
Project holder[*] (i.e. Head of Institution during the project duration)	Dr LO Man-keung (Jack) / Director [During the project duration]	School of Professional Education and Executive Development, The Hong Kong Polytechnic University (PolyU SPEED) [During the project duration]	15%

Project Team	Name / Post	Department / Unit	Average Number of Hours Per Week Spent on this Project
Team leader	Dr FONG, Ben Yuk-fai / Associate Division Head and Professor of Practice (Health Studies)	PolyU SPEED	20%
Team member	Professor YUEN, Peter Pok-man / Professor and Dean##	College of Professional and Continuing Education, The Hong Kong Polytechnic University (PolyU CPCE)	5%
Team member	Professor CHIU, Chi-kwan (Warren) / Professor##	PolyU SPEED	5%
Team member	Dr NG, Artie Wai-cheong / Senior Research Fellow	University of Waterloo	15%
Team member	Dr WONG, Ka-lok (Adam) / Senior Lecturer & Programme Director	PolyU SPEED	10%
Team member	Dr. TAVITIYAMAN, Pimtong / Associate Division Head	PolyU SPEED	10%
Team member	Dr. LAW, Tin-sing (Vincent) / Senior Lecturer	PolyU SPEED	10%
Team member	Dr LEUNG, Cheng-han (Tiffany) / Assistant Professor	Faculty of Business, City University of Macau	10%
Team member	Dr CHEUNG, Tsuen-yuen (Simon) / Head, Continuing Education Office	PolyU SPEED	10%
Team member	Dr LO, Man-fung (Kelvin) / Lecturer	The University of Hong Kong	10%

Please state the **key** staff and department/unit involved in the project. Please add row(s) as necessary. Please also highlight the approved changes in project team composition and quote the date of the RGC approval for such changes.

* Refer to "Applicant" for 2015/16 exercise and "Project holder" for 2017/18 exercise onwards.

Professor YUEN, Peter Pok-man and Professor CHIU, Chi-kwan (Warren) serve as advisors to the Project.

** The post of Dr NG, Artie Wai-cheong and Dr CHEUNG, Tsuen-yuen were changed in August 2021. The post of Dr LO, Man-fung was changed in September 2021.

3. Project Duration

	Original	Revised	Date of RGC / Institution Approval *(must be quoted)*
Project Start Date	1 January 2019	1 December 2018	22 October 2018
Project Completion Date	31 December 2021	31 May 2022	12 July 2021
Duration *(in month)*	36	42	12 July 2021
Deadline for Submission of Completion Report	31 December 2022	31 May 2023	12 July 2021

4. Project Objectives

Summary of objectives addressed / achieved:

Objectives*	Percentage Achieved	Remarks**
1. generate novel and useful knowledge by addressing research gaps and grand challenges in healthcare management arising from Hong Kong's ageing population;	1. 100%	
2. engage and develop faculty members, especially those who are early in their career development, through collaboration with our strategic partners and engaging students in conducting multidisciplinary applied research on various perspectives of the life course of ageing and on the implications for the existing health system;	2. 100%	
3. share findings and insights with stakeholders, including healthcare practitioners and policy makers, by working in partnership to enhance the well-being of elderly people and the overall efficiency and effectiveness of healthcare and long-term care delivery; and	3. 100%	
4. facilitate knowledge exchange between overseas and local academics on ageing and ageing-related healthcare management issues so as to underpin quality curriculum development as well as learning and teaching	4. 100%	

* *Please refer to the originally approved objectives. If there are changes in objectives, please highlight the changes and quote the date of RGC approval for such changes.*

** *Please provide reasons for significant slower rate of progress when compared with the approved implementation timetable.*

5.4 Please attach photo(s) of acknowledgement of RGC-funded activities / facilities / equipment.

Research seminar on 12 December 2018	CPCE Health Conference 2019 on 14 January 2019
Research seminar on 4 March 2019	**Research seminar on 10 April 2019**
Methodology workshop on 2 May 2019	**Methodology workshop on 30 May 2019**

Methodology workshop on 31 May 2019

THE HONG KONG POLYTECHNIC UNIVERSITY 香港理工大學
COLLEGE OF PROFESSIONAL AND CONTINUING EDUCATION
專業及持續教育學院
SPEED

Centre for Ageing and Healthcare Management Research

Centre for Ageing and Healthcare Management Research
Methodology Workshop

Date	:	31 May 2019 (Friday)
Time	:	10:30 am to 12:30 pm
Venue	:	Room 705, PolyU Hung Hom Bay Campus
Topic	:	Understanding travel constraints among the elderly in Hong Kong

Abstract:
This study aims to test the influence of constraints on travel of the elderly in Hong Kong and to compare perceived travel constraints of Hong Kong seniors in public and in private housing based on the hierarchical leisure constraints model. A total of 415 elderly in Hong Kong participated in the study. The data analyses were conducted using the Structural Equation Modeling (SEM). Despite sharing the similar factor structure of the leisure constraints model, the two groups varied significantly in travel behavior, constraint items, and regression paths.

Speaker: Dr. Kam HUNG
Associate Professor
School of Hotel & Tourism Management
The Hong Kong Polytechnic University

Dr. Hung is an Associate Professor in the School of Hotel and Tourism Management (SHTM) at The Hong Kong Polytechnic University. She received her Master's and Ph.D degrees from the Texas A&M University in the USA. Prior to joining the SHTM, she was an Assistant Professor of Thompson Rivers University in Canada. Her research interests include Chinese tourist behavior and psychology, cruise tourism and senior travel.

Moderator: Dr. Kelvin LO
Founding Member, CAHMR
School of Professional Education and Executive Development
The Hong Kong Polytechnic University

Sandwiches and drinks will be provided at the workshop
Kindly make the reservation with Mr. Tommy NG at kctng@speed-polyu.edu.hk on or before 28 May 2019 (Tuesday)

All staff are welcome!

The Methodology Workshop was fully supported by a grant from the Research Grants Council of the Hong Kong Special Administrative Region, China (Project No.: UGC/IDS24/18)

Methodology workshop on 10 June 2019

THE HONG KONG POLYTECHNIC UNIVERSITY 香港理工大學
COLLEGE OF PROFESSIONAL AND CONTINUING EDUCATION
SPEED

Centre for Ageing and Healthcare Management Research
Methodology Workshop

Date	:	10 June 2019 (Monday)
Time	:	10:30 am to 12:30 pm
Venue	:	Room 705, PolyU Hung Hom Bay Campus
Topic	:	Applications of AI and Big Data in Business Research

Abstract:
The current revolution in business is triggered by three key technologies, namely, Artificial Intelligence (A), Big data (B) and Cloud computing (C). In this ABC era today, we are able to use massive volume of text, voice data and image data to extend the traditional KYC (Know Your Customers) research to include "Know Your Competitors" and "Know Your Company" study. In this workshop, I will share our text mining experience on customer review analysis for the fashion industry, skincare industry and airline industry, and illustrate how the text mining results can be used to better understand our customers, competitors and company.

Speaker: Professor LAU, Kin-nam
Department of Marketing
CUHK Business School
The Chinese University of Hong Kong

Dr. Lau is a professor in Marketing in the Chinese University of Hong Kong (Shatin campus). He also serves as a professor in Shen Zhen Finance Institute in the Chinese University of Hong Kong (Shen Zhen campus). His teaching and research areas include CRM, marketing analytics, big data marketing and AI marketing. He was the principle investigator for many data mining projects with leading companies in the financial industry and the retail industry. In addition, he is frequently invited as a speaker in big data marketing by local and mainland companies. He received the faculty award from 2012 to 2016, and Shared University Research award in 2014 and 2016 from IBM. He collaborated with IBM and other mainland universities on the AI00 (Analytics 100) program to help companies on their Big Data initiatives. He is the recipient of the Scholar Marketer award (2016) from the Hong Kong Institute of Marketing.

Moderator: Dr. Adam WONG
Founding Member, CAHMR
School of Professional Education and Executive Development
The Hong Kong Polytechnic University

Snacks and drinks will be provided at the workshop
Kindly make the reservation with Mr. Tommy NG at kctng@speed-polyu.edu.hk on or before 8 June 2019 (Saturday)

All staff are welcome!

Methodology workshop on 26 June 2019

THE HONG KONG POLYTECHNIC UNIVERSITY 香港理工大學
COLLEGE OF PROFESSIONAL AND CONTINUING EDUCATION
SPEED

Centre for Ageing and Healthcare Management Research
Methodology Workshop

Date	:	26 June 2019 (Wednesday)
Time	:	10:30 am to 12:30 pm
Venue	:	Room 705, PolyU Hung Hom Bay Campus
Topic	:	Study Designs in Health Care Research

Abstract:
The choice of study design of a research project can be influenced by various factor such as cost, availability of research subjects, time constraints and much more. An informed choice of a good study design is a critical step of a successful research project. In this workshop, we will touch upon experimental and various types of observational studies such as cross-sectional, cohort and case-control studies. These designs will be illustrated with selected examples from the literature. In addition to the pros and cons of these designs, we will also look at statistical techniques that are applicable in different designs.

Speaker: Dr. HO, Wai-tung
Division of Science and Technology
Hong Kong Community College
College of Professional and Continuing Education
The Hong Kong Polytechnic University

Dr. Wai-tung Ho received his PhD degree in Biostatistics from University of California, Los Angeles in 2000. He joined HKCC in 2010 as a lecturer teaching various subjects in statistics. Recently, he has taken on the role of assistant programme leader of Associate of Statistics and Data Science of HKCC. Before joining HKCC, he worked at SPSS R&D for 10 years in different capacities, developing statistics and data mining components for various SPSS product lines.

Moderator: Dr. Kelvin LO
Founding Member, CAHMR
School of Professional Education and Executive Development
The Hong Kong Polytechnic University

Snacks and drinks will be provided at the workshop
Kindly make the reservation with Mr. Tommy NG at kctng@speed-polyu.edu.hk on or before 24 June 2019 (Monday)

All staff are welcome!

Methodology workshop on 19 July 2019

THE HONG KONG POLYTECHNIC UNIVERSITY 香港理工大學
COLLEGE OF PROFESSIONAL AND CONTINUING EDUCATION
SPEED

Centre for Ageing and Healthcare Management Research
Methodology Workshop

Date	:	19 July 2019 (Friday)
Time	:	10:30 am to 12:30 pm
Venue	:	Room 1101, South Tower, PolyU WK Campus
Topic	:	Use of Python in research

Abstract:
1. Share the experience in using Python libraries (e.g. Beautiful Soup, Scrapy, or Selenium) and show some cases for using them.
2. Python Google Scholarly for retrieve an author's profile then retrieve the titles of the papers that cite the most popular papers.
3. Python programs for extracting information (including text, picture, date etc) from
o Social media such as Instagram, Facebook, YouTube, ...
o Online forum such as Openrice, discuss.com.hk etc.

Speaker: Mr. Patrick TSOI
Chief Executive Officer
Sunon Technology HK Limited

Patrick has 20+ years in the IT training field. Patrick's work includes complex projects applying data science, and software development to different aspect of value chain as well as participating with research teams, on field such as Finance, Data Science, Quantitative and Algorithm Trading. He has extensive experience in designing and building big data solutions and enterprise applications. He is now the project leader of Green Finance. Environment, Social and Governance (ESG) Forum which is an ITC funded project in helping over 300 listed companies in the Greater Bay Area to improve their Corporate Social Responsibility and ESG data analysis disclosure.

Moderator: Dr. Daisy LEE
Assistant Programme Director & Senior Lecturer
School of Professional Education and Executive Development
The Hong Kong Polytechnic University

Drinks will be provided at the workshop
Kindly make the reservation with Mr. Tommy NG at kctng@speed-polyu.edu.hk on or before 16 July 2019 (Tuesday)

All staff are welcome!

Methodology workshop on 15 August 2019

THE HONG KONG POLYTECHNIC UNIVERSITY 香港理工大學
COLLEGE OF PROFESSIONAL AND CONTINUING EDUCATION
SPEED

Centre for Ageing and Healthcare Management Research
Methodology Workshop

Date	:	15 August 2019 (Thursday)
Time	:	10:30 am to 12:30 pm
Venue	:	Room 1002, South Tower, PolyU WK Campus
Topic	:	Techniques and Challenges for Qualitative Research

Abstract:
Understanding and conducting mixed research methods (both quantitative and qualitative) are increasingly becoming an essential skill in social sciences and contemporary business research. Researchers not only understand the nature and extent of different research methods to answer specific research questions, but also research processes and limitations. This workshop is intended to focus on how to conduct qualitative studies in the business setting. I will share my experience how to conduct case studies, semi-structured interviews, and thematic content analysis in management studies and identify the advantages and potential challenges of using these methods.

Speaker: Dr. LEUNG, Cheng-han, Tiffany
Lecturer and Founding Member, CAHMR
School of Professional Education and Executive Development
The Hong Kong Polytechnic University

Dr. Tiffany Leung gained her doctorate from the School of Management at the University of St Andrews (Scotland) in 2014. Her research interests are Social and Environmental Accounting (SEA), Environmental, Social and Governance (ESG), Controversial Industries, and Business Ethics. She won "Emerald Literati Network Awards for Excellence" in 2017 and "Outstanding Research-Scholarly Performance Award 2017/18" in the school. She also received an Inter-Institutional Development Scheme (IDS) from Competitive Research Funding Schemes for the local self-financing degree sector in 2015-2016 as a co-principal investigator. Recently, she assisted the school to establish the Centre for Social and Environmental Accounting Research (CSEAR) North Asia Office to increase the school research visibility in the regional and international domains.

Moderator: Dr. TAVITIYAMAN, Pimtong
Associate Division Head in Business and Hospitality Management and Founding Member, CAHMR
School of Professional Education and Executive Development
The Hong Kong Polytechnic University

Snacks and drinks will be provided at the workshop
Kindly make the reservation with Mr. Tommy NG at kctng@speed-polyu.edu.hk on or before 12 August 2019 (Monday)

All staff are welcome!

Methodology workshop on 16 August 2019

THE HONG KONG POLYTECHNIC UNIVERSITY 香港理工大學
COLLEGE OF PROFESSIONAL AND CONTINUING EDUCATION
SPEED

Centre for Ageing and Healthcare Management Research
Methodology Workshop

Date	:	16 August 2019 (Friday)
Time	:	10:30 am to 12:30 pm
Venue	:	Room 1202, PolyU Hung Hom Bay Campus
Language	:	Cantonese
Topic	:	Data Analysis Using SAS Enterprise Guide

Abstract:
SAS Enterprise Guide is a point-and-click, menu- and wizard-driven tool that empowers users to analyze data and publish their results. It provides fast-track learning for quick data investigations, generating the code for greater productivity, accelerating deployment of analyses and forecasts. With the efficiencies gained from a workflow environment, SAS Enterprise Guide is suited for statisticians, programmers and analysts – even those with little expertise using SAS. Upon completion of this workshop, participants are able to create queries that filter and summarize data, compute new columns, and join multiple tables, create frequency and tabular reports, create interactive graphs, generate descriptive statistics, explore data with graphs, and perform analysis of variance and regression.

Speaker: Dr. LO Man-fung (Kelvin)
Lecturer & Programme Leader, and Founding Member, CAHMR
School of Professional Education and Executive Development
The Hong Kong Polytechnic University

Dr. Lo received the BBA, major in Information Systems, from The Hong Kong University of Science and Technology. He further received the Postgraduate Diploma in Education (Liberal Studies) from The University of Hong Kong, the MSc in Information Systems from The Hong Kong Polytechnic University, the MA in Quantitative Analysis for Business from City University of Hong Kong and the Doctor of Business Administration from the University of Newcastle, Australia. Besides, he is the SAS Certified Base Programmer and SAS Certified Advanced Programmer.

Moderator: Dr. Vincent LAW
Founding Member, CAHMR
School of Professional Education and Executive Development
The Hong Kong Polytechnic University

Drinks will be provided at the workshop
Kindly make the reservation with Mr. Tommy NG at kctng@speed-polyu.edu.hk on or before 13 August 2019 (Tuesday)

All staff are welcome!

CPCE Health Conference on 13 January 2020	**Research seminar on 22 May 2020**
Methodology workshop on 25 May 2020	**Methodology workshop on 3 June 2020**
Research seminar on 30 July 2020	**Research seminar on 4 August 2020**

Methodology workshop on 18, 21 & 25 August 2020

THE HONG KONG POLYTECHNIC UNIVERSITY 香港理工大學
COLLEGE OF PROFESSIONAL AND CONTINUING EDUCATION 專業及持續教育學院
SPEED
Centre for Ageing and Healthcare Management Research 長者及健康管理研究中心

Centre for Ageing and Healthcare Management Research
Methodology Workshop

Topic	:	Basic R Programming for Beginners
Date	:	18, 21 & 25 August 2020
Time	:	2:30 pm to 4:30 pm
Venue	:	Online (Microsoft Teams)
Language	:	English
Pre-requisite	:	Basic programming concepts
Supported by	:	Information Technology Services

Online Registration
All are welcome!

Lesson 1
- Introduction to R
- IDE tools for R with Anaconda
- Variables & Types
- Basic Operators
- Basic String Operations
- Conditions
- Loops

Lesson 2
- Functions
- Data Structure
- Data Processing with DataFrame
- Modules & Packages

Lesson 3
- Basic Statistics
- Data Visualization with ggplot

Kindly make the reservation at https://bit.ly/2NlU3g5 on or before 14 August 2020 (Friday)
The Methodology Workshop was fully supported by a grant from the Research Grants Council of the Hong Kong Special Administrative Region, China (Project No.: UGC/IDS24/18)

Methodology workshop on 11 December 2020

THE HONG KONG POLYTECHNIC UNIVERSITY 香港理工大學
COLLEGE OF PROFESSIONAL AND CONTINUING EDUCATION 專業及持續教育學院
SPEED
Centre for Ageing and Healthcare Management Research 長者及健康管理研究中心

Centre for Ageing and Healthcare Management Research
Methodology Workshop
All are welcome!

Conceptual framework of using PLS-SEM in research

Date	:	11 December 2020 (Friday)
Time	:	2:30 pm to 4:00 pm
Mode of Presentation	:	Online (Microsoft Teams)
Language	:	English

Online Registration

Abstract:
Partial Least Squares Structural Equation Modeling (PLS-SEM) is a composite-based approach to SEM, which aims at maximizing the explained variance of dependent constructs in the path model. PLS-SEM is an attractive method as it allows researchers to estimate very complex models with many constructs and indicator variables especially when predication is the goal of the analysis. Studies across different disciplines (including marketing, management, tourism, information systems, psychology, education, etc.) substantiate that PLS-SEM has become a standard method in the multivariate analysis. In this workshop, Dr Daisy Lee and Dr Peggy Ng will share their experience in developing their research ideas and methodology using PLS-SEM.

Speaker: Dr LEE, Suet-mui Daisy
Senior Lecturer,
Division of Business and Hospitality Management, School of Professional Education and Executive Development, College of Professional and Continuing Education, The Hong Kong Polytechnic University

Dr Daisy Lee is a veteran of marketing. She has extensive commercial experience across digital marketing, consumer marketing, shopper marketing, business marketing, technical marketing and marketing research gained from multinational giants she worked with. Prior to academia, she worked as Regional Director at Philips Asia Pacific marketing team, overseeing 15 APAC countries. Her research interests include digital marketing, health communications and marketing for non-profit organisations. Her publications appear in peer-reviewed journals and top-tier conference proceedings including Journal of Marketing Management, Online Information Review, and proceedings of American Marketing Association conference.

Speaker: Dr NG, Mei-lan Peggy
Senior Lecturer,
Division of Business and Hospitality Management, School of Professional Education and Executive Development, College of Professional and Continuing Education, The Hong Kong Polytechnic University

Dr Peggy Ng is a Senior Lecturer at the Division of Business and Hospitality Management. She obtained her DBA from Heriot-Watt University. Her research interests include strategic enrolment management, student satisfaction, higher education, strategic planning, and pro-environmental behavior. Her publications appear in peer-reviewed journals including Higher Education, Journal of Marketing Management, Online Information Review, Social Responsibility Journal, International Journal of Educational Management and Asia Pacific Education Review.

Moderator: Dr TSANG, Ken Chenk lan
Senior Lecturer,
Division of Science, Engineering and Health Studies, School of Professional Education and Executive Development, College of Professional and Continuing Education, The Hong Kong Polytechnic University

Kindly make the reservation at https://bit.ly/36MRZsf on or before 8 December 2020 (Tuesday)
The Methodology Workshop is fully supported by a grant from the Research Grants Council of the Hong Kong Special Administrative Region, China (Project No.: UGC/IDS24/18)

Research seminar on 8 January 2021

THE HONG KONG POLYTECHNIC UNIVERSITY 香港理工大學
COLLEGE OF PROFESSIONAL AND CONTINUING EDUCATION 專業及持續教育學院
SPEED
Centre for Ageing and Healthcare Management Research 長者及健康管理研究中心

Centre for Ageing and Healthcare Management Research
Research Seminar

Colorectal Screening for Older Adults in Hong Kong

Date	:	8 January 2021 (Friday)
Time	:	2:30 pm to 4:30 pm
Mode of Presentation	:	Online (Zoom)
Language	:	English

Online Registration

Speaker
Prof. Martin Chi-sang WONG
Professor, JC School of Public Health and Primary Care, The Chinese University of Hong Kong;
Professor (Adjunct), School of Public Health, The Peking University;
Professor (Adjunct), School of Public Health, the Chinese Academy of Medical Sciences and Peking Union Medical Colleges

Chair
Dr. Simon Tsuen-yuen CHEUNG
Senior Lecturer,
Division of Science, Engineering and Health Studies, CPCE, Head of Continuing Education, Continuing Education Office, and Founding Member, CAHMR, School of Professional Education and Executive Development, The Hong Kong Polytechnic University

Co-Organisers:
Hong Kong College of Community Health Practitioners
Hong Kong College of Health Service Executives
Hong Kong College of Nursing and Health Care Management

For registration, please visit https://bit.ly/32CT431 on or before 6 January 2021 (Wednesday)
For enquiry, please contact: spcahmr@speed-polyu.edu.hk
The Research Seminar is fully supported by a grant from the Research Grants Council of the Hong Kong Special Administrative Region, China (Project No.: UGC/IDS24/18)

Research seminar on 13 January 2021

THE HONG KONG POLYTECHNIC UNIVERSITY 香港理工大學
COLLEGE OF PROFESSIONAL AND CONTINUING EDUCATION 專業及持續教育學院
SPEED
Centre for Ageing and Healthcare Management Research 長者及健康管理研究中心

Centre for Ageing and Healthcare Management Research
Research Seminar

How can the **diabetic retinopathy screening** be provided to the diabetic population in Hong Kong by considering the equity and efficiency?

Date	:	13 January 2021 (Wednesday)
Time	:	11:00 am to 12:00 pm
Mode of Presentation	:	Online (Zoom)
Language	:	English

Online Registration

Speaker
Dr Tina Jinxiao LIAN
Research Assistant Professor,
School of Optometry,
The Hong Kong Polytechnic University

Chair
Dr Ben Yuk-fai FONG
Associate Division Head,
Division of Science, Engineering and Health Studies, College of Professional and Continuing Education, and Director, CAHMR, SPEED, The Hong Kong Polytechnic University

Co-Organisers:
Hong Kong College of Community Health Practitioners
Hong Kong College of Health Service Executives
Hong Kong College of Nursing and Health Care Management

For registration, please visit https://bit.ly/3l4o9TE on or before 11 January 2021 (Monday)
For enquiry, please contact: spcahmr@speed-polyu.edu.hk
The Research Seminar is fully supported by a grant from the Research Grants Council of the Hong Kong Special Administrative Region, China (Project No.: UGC/IDS24/18)

Methodology workshop on 21 January 2021

THE HONG KONG POLYTECHNIC UNIVERSITY 香港理工大學
COLLEGE OF PROFESSIONAL AND CONTINUING EDUCATION 專業及持續教育學院
SPEED
Centre for Ageing and Healthcare Management Research 長者及健康管理研究中心

Centre for Ageing and Healthcare Management Research
Methodology Workshop

SPSS for beginners

Date	:	21 January 2021 (Thursday)
Time	:	10:30 am to 12:30 pm
Mode of Presentation	:	Online (Microsoft Teams)
Language	:	English

Online Registration
All are welcome!

Abstract:
SPSS is an easy-to-use and powerful statistical software used by researchers for data analysis. This workshop will cover the fundamentals of using SPSS. It aims to familiarise new SPSS users with defining variables; data handling; obtaining descriptive statistics; drawing graphs; Chi-square Test; Independent-Samples T Test; Paired-Samples T Test; Correlation and Regression Analysis; and One-Way ANOVA.

Speaker: Dr YU, Tao-wang
Lecturer,
Division of Science, Engineering and Health Studies, School of Professional Education and Executive Development, College of Professional and Continuing Education, The Hong Kong Polytechnic University

Dr Yu received his Bachelor of Science degree from the University of Melbourne, Australia. He later obtained his Master of Science in Applied Mathematics and Master of Statistics degrees from the Hong Kong Polytechnic University and the University of Hong Kong respectively, and pursued his doctoral degree at Durham University, United Kingdom. Before joining this institution as a Lecturer of Applied Sciences in 2014, Dr Yu had been involved in mathematics, statistics and computer education at both secondary and tertiary levels, as well as conducting teacher training programmes for many years. His research interests include Rasch Analysis, self-directed learning and e-learning in mathematics.

Moderator: Dr NG, Zerance Sun-pui
Associate Division Head,
Division of Science, Engineering and Health Studies, School of Professional Education and Executive Development, College of Professional and Continuing Education, The Hong Kong Polytechnic University

Kindly make the reservation at https://bit.ly/3d9jRJ7 on or before 18 January 2021 (Monday)
The Methodology Workshop is fully supported by a grant from the Research Grants Council of the Hong Kong Special Administrative Region, China (Project No.: UGC/IDS24/18)

Methodology workshop on 1 February 2021

THE HONG KONG POLYTECHNIC UNIVERSITY 香港理工大學
COLLEGE OF PROFESSIONAL AND CONTINUING EDUCATION 專業及持續教育學院
SPEED
Centre for Ageing and Healthcare Management Research 長者及健康管理研究中心

Centre for Ageing and Healthcare Management Research
Methodology Workshop

Effective way to search health-related databases

Date	:	1 February 2021 (Monday)
Time	:	2:30 pm to 4:00 pm
Mode of Presentation	:	Online (Microsoft Teams)
Language	:	English
Speaker	:	Ms Lydia NGAI

All are welcome!
Online Registration

Ms Lydia NGAI
Assistant Librarian (User Experience & Outreach) & Faculty Librarian (Health & Social Sciences), The Hong Kong Polytechnic University

Moderator: Mr Tommy NG
Project Associate,
Centre for Ageing and Healthcare Management Research, PolyU SPEED

Abstract
In this workshop, we will empower participants in using the PolyU Library resources to conduct academic research in health topics.
We will address the following aspects:

1. What in the PolyU Library are related to the research of Health Sciences?
2. How to keep yourself updated of the latest health research trends?
3. Plan for searching: clarifying concepts in your research topic, and formulating search strategies.
4. Database Searching & Setting up alerts: 1/PubMed, 2/CINAHL complete, 3/Scopus

Kindly make the reservation at https://bit.ly/3lfLfqp on or before 28 January 2021 (Thursday)
The Methodology Workshop is fully supported by a grant from the Research Grants Council of the Hong Kong Special Administrative Region, China (Project No.: UGC/IDS24/18)

Methodology workshop on 29 April 2021

Centre for Ageing and Healthcare Management Research — Methodology Workshop

The use of partial least squares structural equation modeling

Date: 29 April 2021 (Thursday)
Time: 10:30 am to 12:30 pm
Mode of Presentation: Online (Microsoft Teams)
Language: English

All are welcome!

Speaker: Dr LEUNG, Ka-shing Wilson
Lecturer, Division of Science, Engineering and Health Studies, School of Professional Education and Executive Development, College of Professional and Continuing Education, The Hong Kong Polytechnic University

Moderator: Dr LO Man-fung (Kelvin)
Lecturer, Department of Mathematics and Information Technology, The Education University of Hong Kong, and Founding Member, CAHMR, School of Professional Education and Executive Development, The Hong Kong Polytechnic University

Methodology workshop on 15 June 2021

Centre for Ageing and Healthcare Management Research — Methodology Workshop

SPSS for advanced users

Date: 15 June 2021 (Tuesday)
Time: 10:30 am to 12:30 pm
Mode of Presentation: Online (Microsoft Teams)
Language: English

All are welcome!

Speaker: Dr YU, Tao-wang
Lecturer, Division of Science, Engineering and Health Studies, School of Professional Education and Executive Development, College of Professional and Continuing Education, The Hong Kong Polytechnic University

Moderator: Dr LAM, Elegance Ting-pui
Lecturer, Division of Science, Engineering and Health Studies, School of Professional Education and Executive Development, College of Professional and Continuing Education, The Hong Kong Polytechnic University

Methodology workshop on 28 June 2021

Centre for Ageing and Healthcare Management Research — Methodology Workshop

Application of QDA Miner of Provalis to Qualitative Data Analysis of Health-related Studies

Date: 28 June 2021 (Monday)
Time: 10:00 am to 12:00 pm
Mode of Presentation: Hybrid mode (HHB-507 & Microsoft Teams)
Language: English

All are welcome!

Speaker: Dr Vincent LAW
Senior Lecturer, Division of Social Sciences, Humanities and Design, Academic Convenor, Centre for Ageing and Healthcare Management Research, School of Professional Education and Executive Development, College of Professional and Continuing Education, The Hong Kong Polytechnic University

Moderator: Dr LEUNG, Cheng-han Tiffany
Assistant Professor, Faculty of Business, City University of Macau and Founding Member, CAHMR, PolyU SPEED

Research seminar on 15 July 2021

Centre for Ageing and Healthcare Management Research — Research Seminar

E-Mental Health in Times of Crisis and Beyond

Date: 15 July 2021 (Thursday)
Time: 2:00 pm to 4:00 pm
Mode of Presentation: Online (Zoom)
Language: English

Speaker
Prof. Sally CHAN
President, Tung Wah College

Moderator
Dr Ben Yuk-fai FONG
Associate Division Head and Professor of Practice (Health Studies), SEHS, CPCE, and Director, CAHMR, PolyU SPEED

CPCE Health Conference on 20 September 2021

CPCE Health Conference 2021

Post-pandemic health and long-term care: A new paradigm
疫情後醫護與長期護理的新局面

Date: 20 September 2021 (Monday)
Time: 9:30 am – 5:30 pm (HKT)
Venue: - Room 208, PolyU Hung Hom Bay Campus, 8 Hung Lok Road, Hung Hom, Kowloon (Face-to-Face)
- Zoom Meeting (Online)

CPCE Health Conference 2022 on 10 January 2022

CPCE Health Conference 2022

Long-term Care: Financing and Service Delivery in Asia-Pacific
長期護理：在亞太區的融資及服務

Date: 10 January 2022, Monday
Time: 9:30 am to 3:30 pm
Venue: - UG06, PolyU Hung Hom Bay Campus, 8 Hung Lok Road, Hung Hom, Kowloon (Face-to-Face)
- Zoom Meeting (Online)

Methodology Workshop on 14 January 2022

THE HONG KONG POLYTECHNIC UNIVERSITY
香港理工大學
COLLEGE OF PROFESSIONAL AND CONTINUING EDUCATION
專業及持續教育學院

School of Professional Education and Executive Development
SPEED

Centre for Ageing and Healthcare Management Research
社會心理健康管理研究中心

Centre for Ageing and Healthcare Management Research
Methodology Workshop

Workshop on literature reviews and systematic analysis

Date	:	14 January 2022 (Friday)
Time	:	10:30 am to 12:30 pm
Mode of Presentation	:	Hybrid mode (HHHB-208 & Microsoft Teams)
Language	:	English

All are welcome!

Online Registration

Abstract:
The continually growing scale of scholarly literature and rapid advance of research have led to the over-increasing demand for a systematic summary of current evidence, which is imperative for informing decisions from various stakeholders. Systematic reviews, emerging as an important methodology for the critical appraisal of research studies, have been widely used for the collection and analysis of secondary data over the past decades. They have found wide applications to address research questions by providing a clear and comprehensive review of empirical evidence, where a systematic and repeatable analytical approach is emphasized and adopted for the qualitative and quantitative synthesis of current findings. In this workshop, an overview of literature review methodology will be described. A general introduction and practical guide will be presented for the planning and conduction of systematic reviews with a focus on health subject areas. Experience drawn from a recently published study related to healthy ageing will also be shared.

Speaker: Dr CHIU, Oscar Wang-kin
Senior Lecturer, Division of Science, Engineering and Health Studies
Associate Member, Centre for Ageing and Healthcare Management Research,
School of Professional Education and Executive Development,
College of Professional and Continuing Education,
The Hong Kong Polytechnic University

Dr Oscar Chiu graduated from The Chinese University of Hong Kong with a Bachelor of Science majoring in Chemistry and minoring in Government and Public Administration, and he also obtained his doctoral degree at the same university. Serving in a Senior Lecturer in the Division of Science, Engineering and Health Studies at PolyU CPCE, Dr Chiu is now teaching science and health subjects in Hong Kong Community College (HKCC) and School of Professional Education and Executive Development (SPEED). He is currently an Associate Member of Centre for Ageing and Healthcare Management Research, and Research Centre for Advanced Design, Materials and Manufacturing Technologies at PolyU SPEED, as well as a Member of CPCE Centre for Pedagogic Research. Dr Chiu is interested in collaborating with experts across disciplines of applied, health and education sciences.

Moderator: Dr CHAN, Karly Oi-wan
Lecturer, Division of Science, Engineering and Health Studies
Associate Member, Centre for Ageing and Healthcare Management Research,
School of Professional Education and Executive Development,
College of Professional and Continuing Education,
The Hong Kong Polytechnic University

Kindly make the reservation at https://bit.ly/3DBKW2e on or before 12 January 2022 (Wednesday)
The Methodology Workshop is fully supported by a grant from the Research Grants Council of the Hong Kong Special Administrative Region, China (Project No.: UGC/IDS24/19)

Methodology Workshop on 2 March 2022

THE HONG KONG POLYTECHNIC UNIVERSITY
香港理工大學
COLLEGE OF PROFESSIONAL AND CONTINUING EDUCATION
專業及持續教育學院

School of Professional Education and Executive Development
SPEED

Centre for Ageing and Healthcare Management Research
社會心理健康管理研究中心

Centre for Ageing and Healthcare Management Research
Methodology Workshop

Getting the research design and methods right

Date	:	2 March 2022 (Wednesday)
Time	:	10:30 am to 12:30 pm (HKT)
Mode	:	Zoom meeting
Language	:	English

All are welcome!

Online Registration

Abstract:
The sustainability of the healthcare system calls for innovation in service provision and evidence-informed policy and management decision making. As a result, developing the capacity of the health workforce in generating evidence via a rigorous research process has become one of the core aspects of tertiary education. To maximize the impact of health service research, the formulation of research questions and the selection of research design to guide data collection take into consideration how well the research can influence policy and practice. However, how to choose the right design for the impactful research is particularly challenging for those who are new to research. This workshop will explore how participants can draw on the learnings from prior research to guide choosing the design and methods that are right to their research questions and expected outcomes.

Speaker: Dr Zhanming LIANG
Associate Dean, James Cook University, Australia
Visiting Scholar, Centre for Ageing and Healthcare Management Research,
School of Professional Education and Executive Development,
The Hong Kong Polytechnic University

Dr Zhanming Liang is an Associate Professor in Health Systems Policy and Management and Associate Dean of Research Education, College of Public Health, Medical and Veterinary Science, James Cook University. Dr Liang is passionate about health service management and has spent the last 15 years researching and teaching in the areas of management competency, evidence-informed decision-making, health management workforce development, healthcare quality and safety, and program planning and evaluation. As President of the Society for Health Administration Programs in Education, Dr Liang has played a leading role in shaping the health service management training and development in Asia Pacific. The Management Competency Assessment Partnership (MCAP) tool developed and validated by Dr Liang and colleagues has been used to assess competency gaps for managers working in the health sector in Australia, China, Italy, Iran and Thailand, providing evidence to guide the development of directions for management training and education.

Moderator: Dr Pintong TAVITITYAMAN
Associate Division Head, Division of Business and Hospitality Management
Founding Member, Centre for Ageing and Healthcare Management Research,
School of Professional Education and Executive Development,
College of Professional and Continuing Education,
The Hong Kong Polytechnic University

Kindly make the reservation at https://bit.ly/3rFszCx on or before 28 February 2022 (Monday)
The Methodology Workshop is fully supported by a grant from the Research Grants Council of the Hong Kong Special Administrative Region, China (Project No.: UGC/IDS24/19)

Research seminar on 29 March 2022

THE HONG KONG POLYTECHNIC UNIVERSITY
香港理工大學
COLLEGE OF PROFESSIONAL AND CONTINUING EDUCATION
專業及持續教育學院

School of Professional Education and Executive Development
SPEED

Centre for Ageing and Healthcare Management Research
社會心理健康管理研究中心

Centre for Ageing and Healthcare Management Research
Research Seminar

If health service is a business, it takes more than clinical skills to manage

Date	:	29 March 2022 (Tuesday)
Time	:	10:30 am to 12:30 pm (HKT)
Mode	:	Online (Zoom)
Language	:	English

Online Registration

Speaker
Dr Zhanming LIANG
Associate Dean, CPHMVS
James Cook University,
Australia and
Visiting Scholar, CAHMR,
PolyU SPEED

Moderator
Prof. Peter P. YUEN
Professor and Dean,
College of Professional and
Continuing Education,
The Hong Kong Polytechnic
University

Abstract
Health service is unique: with its output directly linking to the health of the population; being the largest employer with the growth of labor force faster than all other industries, and having a health expenditure increasing in the pace faster than the GDP growth. Therefore, the efficient running of health services has profound impact on the sustainability of the health system in meeting the increasing healthcare needs of the population, which is primarily in the hands of health service managers. However, majority of the health management positions are filled by clinicians based on clinical performance without prior management training. Drawing on data from two recently completed management competency studies on hospital executives in China (n > 500) and Iran (n > 600) and more than 15 years of teaching and researching in health service management, Dr Liang will discuss ways of developing management competencies from both the education providers and managers' perspectives.

For registration, please visit https://bit.ly/3vgLV5h on or before 25 March 2022 (Friday)
For enquiry, please contact: speahmr@speed-polyu.edu.hk
The Research Seminar is fully supported by a grant from the Research Grants Council of the Hong Kong Special Administrative Region, China (Project No.: UGC/IDS24/19)

6. **Research Outputs**

    6.1   What are the accomplishments of the project?

    (i)   Please provide reports on conference, seminar, workshop, exchange programmes or other activities held (if applicable).
(Please provide details of the activities organized, including the theme / objectives of the activities, targeted participants, attendance, analysis of participants, e.g. country of origin, research background, etc., evaluation forms of the activities and a summary of the participants' evaluation.   Photos of the activities are preferred.)

Item	Date / Time	Activity	Title	Targeted participants	No. of Participants	Analysis of participants
1	12 December 2018 (7:00 pm – 9:00 pm)	Research seminar	Price Regulation of Generics and Drug Shortages	CPCE staff and students	50	Professional/industry organisations: 33.33%; Government/regulatory bodies: 18.18%; Students: 9.09%
2	14 January 2019 (9:00 am – 5:30 pm)	Conference cum Student Symposium	Towards a More Humanistic, Holistic and Integrated Model of Care	Healthcare professionals, CPCE staff and students	252	Professional/industry organisations: 20.00%; Government/regulatory bodies: 24.44%; Students: 22.22%
3	4 March 2019 (7:00 pm – 9:00 pm)	Research seminar	The creation of a dementia-friendly community in Singapore	Healthcare professionals, CPCE staff and students	84	Professional/industry organisations: 33.33%; NGO/non-profit organisations: 15.56%; Students: 42.22%
4	10 April 2019 (3:00 pm - 6:00 pm)	Research seminar	End of Life Issues	Healthcare professionals, CPCE staff and students	89	Educational/academic institutions: 5.88%; Students: 75.53%
5	2 May 2019 (10:30 am - 12:30 pm)	Methodology workshop	Use of AI and Big Data in Research	CPCE staff and students	63	Professional/industry organisations: 14.29%; Educational/academic institutions: 57.14%
6	30 May 2019 (2:30 pm - 4:30 pm)	Methodology workshop	A Taste of Classification Techniques –A Data Mining Workshop for Beginners	CPCE staff and students	19	Educational/academic institutions: 100%
7	31 May 2019 (10:30 am - 12:30 pm)	Methodology workshop	Understanding travel constraints among the elderly in Hong Kong	CPCE staff and students	27	Educational/academic institutions: 100%
8	10 June 2019 (10:30 am - 12:30	Methodology workshop	Applications of AI and Big Data in Business Research	CPCE staff and students	23	Educational/academic institutions: 54.55%; Students: 45.45%

	pm)					
9	26 June 2019 (10:30 am - 12:30 pm)	Methodology workshop	Study Designs in Health Care Research	CPCE staff and students	17	Educational/academic institutions: 85.71%
10	19 July 2019 (10:30 am - 12:30 pm)	Methodology workshop	Use of Python in research	CPCE staff and students	19	Educational/academic institutions: 50.00%
11	15 August 2019 (10:30 am - 12:30 pm)	Methodology workshop	Techniques and Challenges for Qualitative Research	CPCE staff and students	14	Educational/academic institutions: 77.78%; Students: 22.22%
12	16 August 2019 (10:30 am - 12:30 pm)	Methodology workshop	Data Analysis Using SAS Enterprise Guide	CPCE staff and students	21	Educational/academic institutions: 50.00%; Students: 50.00%
13	13 January 2020 (9:00 am – 6:00 pm)	Conference cum Student Symposium	Ageing with Health and Dignity: Implications for Public Policy, Service Delivery, Workforce, Technology and Financing	Healthcare professionals, CPCE staff and students	260	Professional/industry organisations: 21.74%; Educational/academic institutions: 30.43%; Students: 28.26%
14	22 May 2020 (2:30 pm – 4:30 pm)	Research seminar	eHealth in elderly	Healthcare professionals, CPCE staff and students	66	Educational/academic institutions: 50.00%; Students: 50.00%
15	25 May 2020 (2:30 pm – 4:30 pm)	Methodology workshop	Python and Supervised Machine Learning in Healthcare Research	CPCE staff and students	22	Educational/academic institutions: 40.00%; Students: 60.00%
16	3 June 2020 (10:30 am – 12:30 pm)	Methodology workshop	The Explanatory Power of Case Study: Relevance to Research of Knowledge-Intensive Organizations	CPCE staff and students	30	Educational/academic institutions: 50.00%; Students: 50.00%
17	30 July 2020 (2:30 pm – 4:30	Research seminar	Assessing population health needs	Healthcare professionals, CPCE staff and	64	Educational/academic institutions: 66.67%; NGO/non-profit

				students		organisations: 14.81%
18	4 August 2020 (10:30 am – 12:30 pm)	Research seminar	(1) Medical tourism and wellbeing perception of HK senior citizens (2) Wellness tourism in Thailand	Healthcare professionals, CPCE staff and students	58	Educational/academic institutions: 60.00%; Students: 35.00%
19	10 August 2020 (2:30 pm – 4:30 pm)	Methodology workshop	Methods in cancer therapeutic development	CPCE staff and students	35	Educational/academic institutions: 45.00%; Students: 50.00%
20	18 August 2020 (2:30 pm – 4:30 pm)	Methodology workshop	Basic R Programming for Beginners (Lesson 1)	CPCE staff and students	101	Educational/academic institutions: 33.33%; Students: 66.67%
21	21 August 2020 (2:30 pm – 4:30 pm)	Methodology workshop	Basic R Programming for Beginners (Lesson 2)	CPCE staff and students	68	Educational/academic institutions: 33.33%; Students: 66.67%
22	25 August 2020 (2:30 pm – 4:30 pm)	Methodology workshop	Basic R Programming for Beginners (Lesson 3)	CPCE staff and students	54	Educational/academic institutions: 75.00%; Students: 25.00%
23	11 December 2020 (2:30 pm – 4:00 pm)	Methodology workshop	Conceptual framework of using PLS-SEM in research	CPCE staff and students	20	Educational/academic institutions: 100.00%
24	8 January 2021 (2:30 pm – 4:30 pm)	Research seminar	Colorectal Screening for Older Adults in Hong Kong	Healthcare professionals, CPCE staff and students	62	Professional/industry organisations: 30.00%; Students: 30.00%
25	13 January 2021 (11:00 am – 12 :00 noon)	Research seminar	How can the diabetic retinopathy screening be provided to the diabetic population in Hong Kong by considering the equity and efficiency?	Healthcare professionals, CPCE staff and students	55	Educational/academic institutions: 66.67% Students: 33.33%
26	21 January 2021 (10:30 am – 12:30 pm)	Methodology workshop	SPSS for beginners	CPCE staff and students	67	Educational/academic institutions: 40.00%; Students: 60.00%
27	1 February 2021 (2:30	Methodology workshop	Effective way to search health-	CPCE staff and students	31	Educational/academic institutions: 60.00%;

	pm – 4:00 pm)		related databases			Students: 40.00%
28	29 April 2021 (10:30 am – 12:30 pm)	Methodology workshop	The use of partial least squares structural equation modeling	CPCE staff and students	23	Educational/academic institutions: 75.00%; Students: 25.00%
29	15 June 2021 (10:30 am – 12:30 pm)	Methodology workshop	SPSS for advanced users	CPCE staff and students	48	Educational/academic institutions: 100.00%
30	28 June 2021 (10:00 am – 12:00 noon)	Methodology workshop	Application of QDA Miner of Provalis to Qualitative Data Analysis of Health-related Studies	CPCE staff and students	24	Educational/academic institutions: 80.00%; Students: 20.00%
31	15 July 2021 (2:00 pm – 4:00 pm)	Research seminar	E-Mental Health in Times of Crisis and Beyond	Healthcare professionals, CPCE staff and students	46	Educational/academic institutions: 85.71% Students: 14.29%
32	20 September 2021 (9:30 am – 5:30 pm)	Conference cum Student Symposium	Post-pandemic health and long-term care: A new paradigm	Healthcare professionals, CPCE staff and students	462 (Onsite: 92, Online: 370)	Educational/academic institutions: 29.41%; Students: 28.82%; Doctors/nurses: 20.00%; Other: 21.77%
33	10 January 2022 (9:30 am – 3:30 pm)	Conference cum Student Symposium	Long-term Care: Financing and Service Delivery in Asia-Pacific	Healthcare professionals, CPCE staff and students	427 (Onsite: 91, Online: 336)	Educational/academic institutions: 44.19%; Students: 6.98%; Doctors/nurses: 18.61%; NGO/non-profit organisation: 16.28%; Other: 13.94%
34	14 January 2022 (10:30 am – 12:30 pm)	Methodology workshop	Workshop on literature reviews and systematic analysis	CPCE staff and students	44	Student: 50.00%; Educational/academic institutions: 45.83%; Professional/industry organisation: 4.17%
35	2 March 2022 (10:30 am – 12:30 pm)	Methodology workshop	Getting the research design and methods right	CPCE staff and students	63	Educational/academic institutions: 60.00%; Students: 40.00%
36	29 March 2022 (10:30 am – 12:30 pm)	Research seminar	If health service is a business, it takes more than clinical skills to manage	Healthcare professionals, CPCE staff and students	134	Educational/academic institutions: 29.41%; Professional/industry organisations: 29.41%; NGO/non-profit organisation: 23.53%; Student: 17.65%

(ii) *Please provide reports on asset purchase such as acquisition of research facilities, communal equipment, software licence, dataset and / or status of infrastructure / physical research structure building such as research centre, research supporting unit (if applicable).*
(Please provide supporting documents and / or photos, and provide the utilization rate.)

N/A.

(iii) *Please provide reports on research activities carried out (if applicable).*

During the project period, international conferences, research seminars and methodology workshops were organised and are reported below.

First year of the project (Dec 2018 – Nov 2019):
In the first year, an international conference, three research seminars, and eight methodology workshops were organised. The theme of the activities included end-of-life issues, use of big data and healthcare services. Staff and students of CPCE and those from other health and tertiary education institutes participated in these activities. A research handbook was published and a research portal was launched in the first year of the project. A consultancy project was completed for the Society for the Promotion of Hospice Care by reviewing the operations and management of the Jockey Club Home for Hospice. In addition, the application of Innovation and Technology Support Programme (Seed Project) titled "Development of a Knowledge Management System for Dementia Care with Deep Learning" was submitted in April 2019 but it was unsuccessful.

Second year of the project (Dec 2019 – Nov 2020):
In the second year, an international conference, three research seminars, and six methodology workshops were organised. The theme of the activities included eHealth in elderly and medical tourism of senior citizens. Four Faculty Development Scheme (FDS) grant applications related to ageing were submitted by CAHMR Team Members as Principal Investigators or Co-Investigators in March 2020. One of the submissions titled "To Give or Not to Give? Investigating the Effects of Trust on Time Banking Participation: A Longitudinal Study in Hong Kong Aging Population" was successful.

Third year of the project (Dec 2020 – Nov 2021):
In the third year, an international conference, three research seminars, and six methodology workshops were organised. The theme of the activities included post-pandemic health and long-term care, colorectal screening for older adults and e-mental health. For funding proposals, four FDS grant applications related to ageing were submitted by CAHMR Team Members and Associate Members as Principal Investigators or Co-Investigators in March 2021. One of the submissions titled "Investigating the Motivators and Obstacles of Mobile Health Apps Adoption and Continuance by Elderly: A Longitudinal Study using Extended Expectation-Confirmation Theory" was successful. Two applications involving the members of CAHMR were submitted to the Health and Medical Research Fund (HMRF) in April 2021. The application entitled "Development of a community model of healthy ageing for Hong Kong" was not supported by HMRF. The application entitled "Effectiveness of telehealth in preventive care: A randomised controlled trial of tele-exercise programme involving elderly with possible sarcopenia or at risk of fall" was recommended for support by HMRF, subject to clarifications/amendments.

Fourth year of the project (Dec 2021 – May 2022):
In the fourth year, an international conference, one research seminar, and two methodology workshops were organised. The theme of the activities included financing and service delivery of long-term care in Asia-Pacific and health service management. The HMRF application entitled "Effectiveness of telehealth in preventive care: A randomised controlled trial of tele-exercise programme involving elderly with possible sarcopenia or at risk of fall" was successful after amendments.

6.2 Please describe where and how the IDS Research Infrastructure Grant project assisted in building up the research capacity of the institution in its strategic areas (e.g. has the IDS Research Infrastructure Grant project facilitated the academics in formulating their research proposals under the Faculty Development Scheme, etc.).
The IDS Research Infrastructure Grant project has achieved the following objectives, which assisted in building up the research capacity of the institution.

Generating novel and useful knowledge: The IDS Research Infrastructure Grant project facilitated academic staff to conduct impactful research. During the period of the project funding, members of CAHMR had published various peer-reviewed journal publications, covering public health, knowledge management of COVID-19 pandemic, medical tourism, traditional Chinese medicine and intergenerational service-learning.

Developing research capabilities of faculty members: The IDS Research Infrastructure Grant project engaged and developed faculty members, especially those who were early in their career development, through collaboration with strategic partners and engaging students in conducting multidisciplinary applied research on various perspectives of the life course of ageing and on the implications for the existing health system.

Sharing insights with stakeholders: The IDS Research Infrastructure Grant project shared findings and insights with stakeholders, including healthcare practitioners and policy makers, by working in partnership to enhance the well-being of the elderly and the overall efficiency and effectiveness of healthcare and long-term care delivery.

Informing curriculum development across related academic programmes: The IDS Research Infrastructure Grant project facilitated knowledge exchange between overseas and local academics on ageing and ageing-related healthcare management issues to underpin quality curriculum development as well as learning and teaching.

6.3 If the project has not met its original objectives, why?
The project has met its original objectives.

6.4 (a) Please provide details e.g., title, authorship, publication dates, etc. and attach an abstract of each publication reported. Please place asterisks on publications involving inter-institutional collaborations.
Peer-reviewed Journal Publications
- Fong, B. Y. F., Wong, M. C. S., Law, V. T. S., Lo, M. F., Ng, T. K. C., Yee, H. H. L., Leung, T. C. H. & Ho, P. W. (2020). Relationships between Physical and Social Behavioural Changes and the Mental Status of Homebound Residents in Hong Kong during the COVID-19 Pandemic. *International Journal of Environmental Research and Public Health, 17*(18), 6653. https://doi.org/10.3390/ijerph17186653
- Ng, A., Fong, B. & Lo, M. F. (2021). Dynamic knowledge management in response to the pandemic outbreak: an interinstitutional risk-based approach to sustainability. *Knowledge Management Research & Practice, 19*(4), 536-544. https://doi.org/10.1080/14778238.2021.1919574

- Ng, T. K. C., Fong, B. Y. F., Yee, H. H. L., & Law, V. T. S. (2021). Psychological Effects of COVID-19 Pandemic Among Postsecondary Students in Hong Kong: A Mixed Methods Research. *Asia Pacific Journal of Public Health, 33*(8), 932-934. https://doi.org/10.1177/10105395211032820
- Fong, B. Y. F., Chiu, W. K., Chan, W. F. M., & Lam, T. Y. (2021). A Review Study of a Green Diet and Healthy Ageing. *International Journal of Environmental Research and Public Health*, *18(15)*, 8024. https://doi.org/10.3390/ijerph18158024
- Saiprasert, W., Xu, B., & Tavitiyaman, P. (2021). The Relationships Among Perceived Medical Quality, Well-Being Perception, And Behavioral Intention: A Comparison Between Domestic and Overseas Medical Destinations. *Journal of Quality Assurance in Hospitality & Tourism*, 1-26. https://doi.org/10.1080/1528008X.2021.1943598
- Ng, T. K. C., Lo, M. F. & Fong, B. Y. F. (2021). Knowledge, attitude, utilisation and satisfaction of traditional Chinese medicine in Hong Kong. *International Journal of Pharmaceutical and Healthcare Marketing, 16*(1), 123-137. https://doi.org/10.1108/IJPHM-08-2020-0068
- Fong, B. Y. F., Yee, H. H. L., Ng, T. K. C., Chow, B. S., & Lo, J. M. (2022). Personal growth and insight gained from an intergenerational service-learning course in Hong Kong undergraduate students. *Journal of Community Practice*, 1-11. https://doi.org/10.1080/10705422.2022.2027305
- Law, V. T. S., Yee, H. H. L., Ng, T. K. C., & Fong, B. Y. F. (2022). Transition from Traditional to Online Learning in Hong Kong Tertiary Educational Institutions During COVID-19 Pandemic. *Technology, Knowledge and Learning*, 1-17. https://doi.org/10.1007/s10758-022-09603-z
- Ng, T. K. C, Lo, M. F., Fong, B. Y. F., & Yee, H. H. L. (2022). Predictors of the intention to use traditional Chinese medicine (TCM) using extended theory of planned behavior: a cross-sectional study among TCM users in Hong Kong. *BMC Complementary Medicine and Therapies*, *22*(1), 1-11. https://doi.org/10.1186/s12906-022-03598-x
- Fong, B. Y. F., Yee, H. H. L., & Ng, T. K. C. (2022). Advance directives in Hong Kong: moving forward to legislation. *Annals of palliative medicine*. https://doi.org/10.21037/apm-21-3783
- Fong, B. Y. F., Yee, H. H. L., Ng, T. K. C., & Law, V. T. S. (2022). The use of technology for online learning among older adults in Hong Kong. *International Review of Education*, 1-19. https://doi.org/10.1007/s11159-022-09957-7
- Fong, B. Y. F., Yee, H. H. L., Ng, T. K. C., & Chiu, W. K. (2023). Intergenerational Service-learning: An Experience in Health Promotion among Undergraduate Students in Hong Kong. *Journal of Intergenerational Relationships*, 1-14. https://doi.org/10.1080/15350770.2023.2172514
- Law, V. T. S., Yee, H. H. L., Ng, T. K. C., & Fong, B. Y. F. (2023). Evaluating the impact of lifelong education on older adults: A case study from Hong Kong. *Journal of Adult and Continuing Education*. https://doi.org/10.1177/14779714231156747

Conference papers

- Ng, T. K. C., Fong, B. Y. F., & Kwong, C. K. Y. (2019). Transition of hospital acute-centric to long term care in an ageing population in Hong Kong - is it an issue of service gap?. *Asia-Pacific Journal of Health Management*, *14*(1), 11-15. Retrieved from https://journal.achsm.org.au/index.php/achsm/article/view/207/167. (The journal publisher only printed "The Hong Kong Polytechnic University" as the affiliation of the authors on the captioned paper, without "School of Professional Education and Executive Development". When the author wrote to the journal publisher, he had mentioned both "School of Professional Education and Executive Development" and "The Hong Kong Polytechnic University". However, the journal publisher only used "The Hong Kong Polytechnic University" as the affiliation of the authors. The cover

letter to the Journal Editor is attached to Appendix IIIb for information.)
- Fung, R. C. H., & Fong, B. Y. F. (2020). Treasure in elderly care learning: A service-learning experience at a neighborhood centre in Hong Kong. *Asia Pacific Journal of Health Management, 15*(2), S5-10.
- Ho, C. C., & Ng, T. K. C. (2020). Improvement of Elderly Health Care Voucher Scheme in Hong Kong. *Asia Pacific Journal of Health Management*, *15*(2), S18-22.
- Kwong, C. K. Y., & Fong, B. Y. F. (2020). Quality Management of Inpatient Medication Administration in Hong Kong Public Hospitals. *Asia Pacific Journal of Health Management*, *15*(2), S91-98.
- Lam, C. Y. H., Ng, T. K. C., & Yee, H. H. L. (2020). Improvement of Safety in Operating Theatres by Training and Teamwork. *Asia Pacific Journal of Health Management*, *15*(2), S71-78.
- Lau, C. S. Y., Yee, H. H. L., Ng, T. K. C., & Fong, B. Y. F. (2020). Green Burial in Hong Kong. *Asia Pacific Journal of Health Management*, *15*(2), S45-52.
- Ng, T. K. C., Yim, N. T. S., & Fong, B. Y. F. (2020). Time Banking for Elderly in Hong Kong: Current practice and challenges. *Asia Pacific Journal of Health Management*, *15*(2), S23-29.
- Tavitiyaman, P., & Saiprasert, W. (2020). Medical Quality and Well-Being Perception of Senior Tourists. *Asia Pacific Journal of Health Management*, *15*(2), S30-38.
- Yee, H. H. L., Fong, B. Y. F., & Ng, T. K. C. (2020). Overview of Palliative Care Service in Hong Kong. *Asia Pacific Journal of Health Management*, *15*(2), S39-44.
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- Yee, H., Law, V. & Fong, B. (2022). *Overview of challenges and government position on rare diseases in Hong Kong* (CAHMR Working Paper Series No. 1, Issue 1, 2022). Hong Kong: The Hong Kong Polytechnic University, College of Professional and Continuing Education, School of Professional Education and Executive Development, Centre for Ageing and Healthcare Management Research. Retrieved Mar 28, 2022 from http://weblib.cpce-polyu.edu.hk/apps/wps/assets/pdf/cw20220101.pdf

Conference presentation
- Dr Artie Ng and Dr Vincent Law, CAHMR team members, presented at International Conference on Global Regulatory Governance organised by The Chinese University of Hong Kong with the topic on "Environment, Social and Governance (ESG) Reporting by Healthcare Enterprises: Responsible Investment Perspectives from the Global Financial Centre of Hong Kong" on 6 July 2019. Details of the presentation are available on https://www.speed-polyu.edu.hk/news/international-conference-on-global-regulatory-governance.

Please find the abstract of each publication at Appendix.

(b)   RGC funding should have been acknowledged in all activity(ies) / publication(s) / conference(s) papers listed in (a) above.   If no acknowledgement has been made in any of the event / publication / paper, please indicate and provide explanations.

The RGC funding was acknowledged in all activities and publications listed in (a) above.

6.5   Research staff trained
(Please provide names and capacities of research staff trained and elaborate on what training has been provided.)

Academic staff were trained through the participation of methodology workshops, research seminars and conferences. Students were recruited as student interns to assist in conducting research. The training and experiences were helpful to staffs' research capacity and students' career development.

6.6   Specific products
(e.g. patents, software or netware, instruments or equipment, infrastructure developed)

A research handbook for academic staff was published on 7 November 2019 at the staff intranet. The handbook provides a guide, which includes scope of research, ethics and safety of research, IT support for research, roles of research personnel, internal and external research funding, and publications, to the CPCE academic staff.

A Moodle E-learning System was set up for CAHMR team members to share their insight, upcoming events and news related to ageing and healthcare management.

6.7   Other education activities and / or training and development

All education activities and / or training and development are presented in Section 6.1.

6.8 Please highlight any deliverables indicated in the project implementation timetable endorsed by RGC, which have not been covered or achieved as per sections 6.1 to 6.7 above, and explain / elaborate.

All deliverables have been achieved in the project period.

6.9 Please elaborate the role of the managing team in coordinating and managing the project.

The project team leader, Dr Ben Fong, together with team members oversees, organised and implemented the whole project activities. To review the implementation of IDS project and update the progress of research activities, regular meetings were organised. The topics of research activities were proposed by team members to facilitate the achievement of the project objectives.

7. Awards And Recognition

7.1 Have any research grants been awarded that are **<u>directly</u>** attributable to the results obtained on this IDS Research Infrastructure Grant project? *(Please provide details)*

Two FDS grant applications and one HMRF project have been awarded **<u>directly</u>** attributable to the results obtained on this IDS Research Infrastructure Grant project. Details are listed below:

FDS grant applications				
No.	Topics	Responsible persons	Progress	Remarks
1.	To Give or Not to Give? Investigating the Effects of Trust on Time Banking Participation: A Longitudinal Study in Hong Kong Aging Population	Wilson Leung (PI), Ben Fong, Cheung Man-lai, Chang Ludwig Man-kit, SI Shi	HK $713,100	2-year project (1 January 2021 – 31 December 2022) Collaboration with Sik Sik Yuen.
2.	Investigating the Motivators and Obstacles of Mobile Health Apps Adoption and Continuance by Elderly: A Longitudinal Study using Extended Expectation-Confirmation Theory	Wilson Leung (PI), Ben Fong, Cheung Man-lai, Chang Ludwig Man-kit, Peggy Ng	HK$465,850	2-year project (1 January 2022 – 31 December 2023) Collaboration with Sik Sik Yuen and Institute of Active Ageing.

HMRF application				
No.	Topics	Responsible persons	Progress	Remarks
1.	Effectiveness of telehealth in preventive care: A randomised controlled trial of tele-exercise programme involving elderly with possible sarcopenia or at risk of fall	Karly Chan (PI), Prof. Peter Yuen, Ben Fong, Vincent Law, Fowie Ng, Wilson Fung	HK$1,258,820	2-year project (4 July 2022 – 3 July 2024)

7.2 Other awards and recognitions as a result of this IDS Research Infrastructure Grant project *(Please specify)*

N/A.

8. Other Impacts

8.1 What are the current and expected impacts of the project in terms of its contribution to the local and regional economic and societal well-being? *(e.g., technology transfer, collaboration with external organizations, etc.)*

The project contributed to the local and regional economic and societal well-being through the organisation of research activities, collaboration with collaborators of the research centre, and research publication. Possible collaboration with both local and non-local collaborators were expected. With the experience in conducting research seminars, the academic staff of PolyU SPEED had more opportunities to exchange research ideas with different researchers and scholars. Besides, the organisation of the methodology workshops facilitated the learning of various update research methods. With those experiences, the academic staff of PolyU SPEED had engaged more in conducting research and submitting research fundings.

8.2 Others *(Please specify)*
   N/A

9. **Statistics on Research Outputs**

	Peer-reviewed Journal Publications	Conference Papers	Scholarly Books, Monographs and Chapters	Patents Awarded	Other Research Outputs (please specify)	
No. of outputs arising directly from this project	13	10	2 books, 1 monograph and 9 book chapters	0	Type	No.
					Working papers	8
					Conference presentation	1

10. **Sustainability of The IDS Research Infrastructure Grant**

   10.1 Whether there are new ideas evolved **directly** from the project?
      N/A

   10.2 Whether there are new projects evolved **directly** from the project?
      Three grant applications have been awarded from the project. New projects including tele-exercise programme among older adults were evolved directly from the project.

   10.3 Whether there are new collaborations developed **directly** from the project?
      New collaborations are developed directly from the project. Local and non-local collaborators had continued to collaborate with CAHMR.

   10.4 Please give details on how much money and from which sources has been obtained for the specific purpose of continuing the work started under this IDS Research Infrastructure Grant project.
      New collaborations are developed directly from the project. Local and non-local collaborators had continued to collaborate with CAHMR.

11. **Public Access Of Completion Report**
   (Please specify the information, if any, that cannot be provided for public access and give the reasons.)

Information that Cannot Be Provided for Public Access	Reasons
N/A	N/A

INSTITUTIONAL DEVELOPMENT SCHEME (IDS)
RESEARCH INFRASTRUCTURE GRANT

Summary of Completion Report
(Please list all the stages since project inception)

Project Title: Establishment of Centre for Ageing and Healthcare
Management Research (CAHMR)

Stage Completed	Period		Milestones	
	(Month / Year) to (Month / Year)		**Deliverables to be Achieved[2]** (Please summarize in **three** bullet points where details should be left to the report proper)	**% of Each Deliverable Achieved[3]**
1	Dec/2018 to Nov/2019		1. Organising 1 Conference 2. Organising 3 Research Seminars 3. Organising 2 Methodology Workshops	1. 100% 2. 100% 3. 100%
2	Dec/2019 to Nov/2020		1. Organising 1 Conference 2. Organising 3 Research Seminars 3. Organising 2 Methodology Workshops	1. 100% 2. 100% 3. 100%
3	Dec/2020 to Nov/2021		1. Organising 1 Conference 2. Organising 3 Research Seminars 3. Organising 2 Methodology Workshops	1. 100% 2. 100% 3. 100%
4	Dec/2021 to May/2022		1. Organising 1 Conference 2. Organising 2 Research Seminars 3. Organising 1 Methodology Workshop	1. 100% 2. 100% 3. 100%
Total to-date:				

Note: [1] Justifications for significant under-spending or over-spending ($\geq \pm 10\%$) should be given in **section 5.1** of the completion report.
  [2] The key milestones to be achieved by the project within the respective stage as indicated in the approved implementation timetable.
  [3] Justifications for significant slower rate of progress compared with the approved implementation timetable should be provided in detail in **section 4** of the completion report.