

5-6 July 2022  
8.30am to 4.30pm

Cube, FOM  
Level 4

UM Student / RA: RM300  
UM Staff: RM400  
Non UM: RM500

**2**  
**DAYS**

**5**  
**SPEAKERS**

# Quantitative Methodology Workshop for Health Research

In order to gain the most out of the workshop, please:

- Come prepared with a research question
- Download SPSS in your laptop/desktop
- Make sure you have functioning video camera and microphone for virtual discussion

## SYNOPSIS

Many health research questions are answered using quantitative methods, which involve selecting an appropriate study design, choosing a sampling method and using valid and reliable research tools. Therefore, understanding the principles and acquiring the necessary research skills are crucial before embarking on quantitative research.

This workshop aims to help novice researchers to acquire the knowledge and skills of conducting a quantitative research project through lectures, practical examples, interactive sessions and hands-on exercises. This course is particularly useful for health researchers who are at the stage of planning for a quantitative research project.

## OBJECTIVES

At the end of the workshop, participants should be able to:

- Understand the range of quantitative methods
- Understand the strengths and limitations of each quantitative method
- Select a suitable quantitative method to answer their research question
- Know the sampling methods and how to calculate sample size
- Design a questionnaire
- Understand the process of data collection in quantitative research
- Understand the basic quantitative analysis methods

Organised by  
Research Office, Faculty of Medicine and  
University of Malaya Primary Care Research Group (UMPCRG)



## SPEAKERS || FACILITATORS



Associate Professor Dr  
Pauline Lai Siew Mei



Dr Lee Yew Kong



Dr Ng Wei Leik



Dr Lim Hooi Min



Dr Teo Chin Hai

For more information, contact us at  
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Registration link: <https://forms.gle/KZgrX5bFNwMZkbNi8>

Payment link: <https://epay.um.edu.my/>

As the seats are limited, the registration will be closed after receiving 20 participants in total. Please do not hesitate to contact Ms. Haslinda (03-7967 7515) or email [rotraining@um.edu.my](mailto:rotraining@um.edu.my) if you have any further queries.