RESEARCH FOR THE BUSY CLINICIAN:

An indispensable guide for the clinical Masters & Parallel Pathway candidate

22 FEB 2025

8AM - 5PM

BORNEO CULTURES MUSEUM KUCHING

8 CPD POINTS

Limited seats available

REGISTRATION FEE

BEFORE 15TH JAN 2025: RM 150
AFTER 15TH JAN 2025: RM 200

KEY SPEAKER

PROF KULENTHRAN ARUMUGAM

SUPPORTED BY

Obstetrical and Gynaecological Society of Malaysia (OGSM)

All participants must bring their laptop and download openEpi software and ChatGPT

SCAN TO REGISTER

ORGANIZING COMMITTEE

DR VOON HIAN YAN
DR ANIES ASMA'I
DR CHOONG YONG SHENG
DR NUR AFFSYA

ORGANIZED BY

PPOGS

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ABOUT THE WORKSHOP

This one-day course is designed to guide clinicians in conducting research, focusing on practical aspects from study design to manuscript writing.

- Part 1:
  - Learn to plan, execute, and analyze your research using OpenEpi software.
  - Topics: Research questions, hypothesis testing, study designs, statistical analysis, sample size calculations.
- Part 2:
  - Master manuscript writing using the IMRAD format (Introduction, Methods, Results, Discussion).
  - Topics: Writing the introduction, literature review, results, and discussion.
  - Learn to use EndNote for citation management.

ABOUT THE SPEAKERS

Professor Kulenthran Arumugam

Professor Kulenthran graduated from the University of Singapore in 1975 and was appointed a full professor in O&G at University Malaya Medical Centre in 1991. He found his niche in Research Development and Clinical epidemiology, obtaining a Post Graduate Diploma in Epidemiology from the London School of Hygiene, University of London in 2003. In addition, he has a Certification in Advanced Epidemiological Analysis from the London School of Hygiene, Practical Statistics for Medical Research from University College London and in the Conduct of Clinical Trials, University of Bristol. He is well versed with medical research having had more than 60 publications in peer reviewed journals to his name

Dr Rafaie Amin

Dr Rafaie is the Sarawak State Consultant Obstetrician & Gynaecologist, Head of the Department of Obstetrics & Gynaecology and Consultant Maternal Fetal Medicine Specialist. He has supervised many masters students from O&G, Family Medicine and Emergency Medicine over the years. Dr Rafaie Amin is currently the Chair of Research and Clinical Practice Guidelines Committee of the JPPOBG, Ministry of Health

Shirin Tan Hui

Shirin Tan Hui is a Research Pharmacist at the Clinical Research Centre, Sarawak General Hospital. With a Bachelor of Pharmacy (First Class Honours) from the University of Queensland, her research focuses on precision medicine, cancer genetics, and bioinformatics. She has contributed to key studies, including exploring the role of microbiota in nasopharyngeal cancer and using UK Biobank data to uncover factors influencing gastrointestinal cancers. Shirin has published in high-impact journals, presented at international conferences, and is actively involved in clinical trials, particularly in oncology and advanced therapeutics. Her dedication to translational research and patient-centered innovation has been recognized through multiple awards and competitive grants

PROGRAM

PART ONE

TIME	TOPIC
0800-0815	Registration
0815-0830	What is expected of the Parallel Pathway & Masters candidate
0830-0845	The research question and overview of study designs *Investigating the exposure and outcome of interest*
0845-0915	Hypothesis testing: what are we actually trying to achieve? *Introducing p value, effect size of the response or outcome and its 95% confidence intervals*
THE MOST APPROPRIATE KIND OF STUDIES	
0915-0930	The randomised controlled trial?
0930-0945	The case control study: *Its design, advantages/disadvantages, the variables and method of analysis: odds ratio and its 95% confidence intervals - with statistical software applications*
0945-1015	The cross sectional study: *Its design, advantages/disadvantage ,and the best method of analysis: odds ratio, comparing means - with statistical software applications*
1015-1030	Break
1030-1100	The dose-response studies *Most clinical outcomes have a graded response to the exposure of interest. The study design, its advantages/disadvantages, and method of analysis – chi-squared analysis for trends will be covered*
1100-1200	Evaluating a diagnostic test: *Its design, advantages/disadvantages, and analysis. Introducing sensitivity, specificity, positive predictive value, likelihood ratio and the ROC curve -with software applications*
1200-1230	The survey: *Keeping it simple and practical*
1230-1300	Calculating the sample size required - with software applications
1300-1400	LUNCH

PART TWO

1400-1415	Writing the Introduction: the “why” you embarked on the study
1415-1445	How to do a literature review
1445-1515	Writing the Patients and Methods: the “how“ you went about doing the study
1515-1545	Writing the Results: the “what” found in your study. It will guide you on how to present your Tables and Figures
1545-1615	Writing the Discussion: you found this and that from your research: “so what about it”
1615-1645	How to cite the references using of ENDNOTE: your indispensable friend
1645-1700	Top reasons why NMRR proposals are rejected
	Break