# PHARMACOEPIDEMIOLOGY DAY 2023: A FUN AND INTERACTIVE WAY TO UNDERSTAND PHARMACOEPIDEMIOLOGY



Pharmacoepidemiology and Public Health course is offered to second year pharmacy students in their 2nd semester. The course introduces students to different types of pharmacoepidemiology study designs. Pertaining to that, Pharmacoepidemiology day was organised as one of the assessments.. The assessment aims to enhance student's ability to describe the main concepts,

in pharmacoepidemiology demonstrate problem solving skills in social and cultural aspects of pharmacy practice and display information management skills in drug information and literature evaluation. All Faculty of Pharmacy staff and students were invited to participate in the program.

Working in a group, the second-year students were required to prepare a creative and engaging presentation to explain a pharmacoepidemiology concept given to them prior and describe its application in research articles. Students are also encouraged to decorate their assigned booths and utilise appropriate tools to facilitate audiences' understanding. Several groups organised games and quizzes using questions related to their concepts while a number of groups prepared pamphlets and digital booklets to provide further information to the audience. Some of the pharmacoepidemiology concepts covered were pharmacoeconomics, pharmacovigilance, study designs, health-related quality of life and sampling techniques such as snowball sampling and stratified sampling.

Upon completion of the program, students expressed that the program provided them with an opportunity to share their knowledge with the audiences. In addition, they were able to transform the information gathered during literature review into creative materials which enhanced their understanding on various pharmacoepidemiology concepts. The program also served as an ideas exchanging platform as students were required to reflect and write on what they have learnt from other groups.

On behalf of the program committees, we would like to thank all the participants for their support and valuable feedback for the students. It is hoped that through this program, students will be able to enhance their understanding of pharmacoepidemiology concepts and be able to effectively apply the concepts in their future works. It is also hoped that the program will be able to engage a wider audience including members of allied health sciences in future.

Ms. Zakiah Mohd Noordin, Dr. Mahmathi Karuppannan

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