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How to design your epidemiological study: Research structure and design at a glance

Designing your epidemiological study through a proper research protocol appears to be an easy task, but in reality it is quite challenging. Numerous researchers - at entry level - start their researches in overexcitement. However, despite their enthusiasm and passion, designing and planning how to conduct the study is ultimately essential. This workshop aims to elucidate the principles of designing an epidemiological study through a scientific- sounding explanation. The workshop will begin by highlighting the importance of epidemiological research and the usage of epidemiology in general. The differences between an epidemiologist and a clinician will be highlighted thorough real case scenarios. Next, a detailed account of the elements of the research protocol will be given. We are going further to present some designs of epidemiological study (i.e. cross-sectional, case-control and case series). Finally, we will encourage attendees to jumpstart their brains as they will be asked to write a short proposal about an epidemiological issue and discuss the best design for their research protocols.

Biography

Yassen Alfoteih holds a PhD in Environmental Biology from the University of Hohenheim, Germany. He did his post-doctoral research at Newcastle University, Institute of cellular and medical sciences. Dr. Alfoteih has more than 10 years academic experience working across number of universities in Syria and the UAE as an Assistant Professor. He has also worked as a Consultant in industry. Dr. Yassen has published in many international journals, and has presented and chaired sessions at national and international conferences. He is serving now as international visiting professor at Brock University - Canada.

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Zelal Jaber is a Lecturer at Ajman University – College of Pharmacy and Health Sciences. She holds a PhD degree in Clinical Pharmacy and Pharmacy Practice- Newcastle University- UK and a Master Degree in Clinical Nutrition and Prevention, institute of Clinical Nutrition, Hohenheim University, Germany and a Bachelor of Pharmacy and Health Sciences- Ajman University – UAE- Merit Excellent with Honor. She engaged in many awareness campaigns including workshops, lecturing and TV shows. Zelal's contribution is mainly in the field of Respiratory diseases, Clinical pharmacy and Pharmacy practice. She published in many journals and she involved in various ongoing projects locally and internationally to serve the community in the UAE and in other regions of the world for the purpose of the wellbeing of UAE community.

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