

Title: **Fundamentals of Quantitative and Qualitative Research**

Date: **May 4 & 11, 2024**

Venue: Online via Zoom

Course Directors: Prof. Ziyad R. Mahfoud; Dr. Gladys Honein-AbouHaidar

AGENDA:

Day 1 (May 4, 2024)

Part 1 - Introduction to Quantitative Research, Study Designs and Methods

Time	Topic	Session Learning Objectives	Speaker
2:00 – 3:30 pm	Quantitative Research – Session 1 (Lecture 2:00 – 3:05 pm; Q&A 3:05 – 3:30 pm)	At the end of this session, participants will be able to: <ol style="list-style-type: none"> 1. Summarize the key factors involved in the research process. 2. Distinguish between key quantitative methodologies. 3. Demonstrate understanding of the advantages and disadvantages of key quantitative methodologies. 	Prof. Ziyad R. Mahfoud
3:30 – 3:45 pm	Break		
3:45 – 5:15 pm	Quantitative Research – Session 2 (Lecture 3:45 – 4:55 pm; Q&A 4:55 – 5:15 pm)	At the end of this session, participants will be able to: <ol style="list-style-type: none"> 1. Demonstrate understanding of the different quantitative data analysis types. 2. Demonstrate understanding of the concepts of accuracy and precision. 3. Formulate quantitative research questions. 4. Describe the potential biases associated with quantitative methods. 	Prof. Ziyad R. Mahfoud

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Day 2 (May 11, 2024)

Part 2 - Introduction to Qualitative Research, Study Designs and Methods

Time	Topic	Session Learning Objectives	Speaker
2:00 – 3:30 pm	Qualitative Research – Session 1 (Lecture 2:00 – 3:05 pm; Q&A 3:05 – 3:30 pm)	At the end of this session, participants will be able to: 1- Identify the merit of qualitative research. 2- Formulate a qualitative research question. 3- Distinguish between key qualitative methodologies. 4- Describe the process of sampling. 5- Identify key data collection approaches. 6- Describe the analytical steps.	Dr. Gladys Honein- AbouHaidar
3:30 – 3:45 pm	Break		
3:45 – 5:15 pm	Qualitative Research – Session 2 (Lecture 3:45 – 4:55 pm; Q&A 4:55 – 5:15 pm)	At the end of this session, participants will be able to: 1- Combine qualitative and quantitative to design mixed- methods using a case study.	Dr. Gladys Honein- AbouHaidar

Overall Objectives:

At the end of this activity, participants will be able to:

1. Summarize the key factors involved in the research process.
2. Identify the merits of Quantitative and Qualitative studies.

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3. Recognize key research methodologies of Quantitative and Qualitative studies.
4. Describe the integration between qualitative & quantitative methods in designing a basic Mixed-Methods study.

The scientific planning committee has reviewed all disclosed financial relationships of speakers, moderators, facilitators and/or authors in advance of this CPD activity and has implemented procedures to manage any potential or real conflicts of interest.



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This activity is an Accredited Group Learning Activity (Category 1) as defined by the Ministry of Public Health's Department of Healthcare Professions-Accreditation Section and is approved for a maximum of 6.0 hours.