



**The Clinical Research Institute (CRI)
at the American University of Beirut (AUB)**

“Designing and Using Web-Based Surveys”

CRI WORKSHOP

October 23-26, 2023

Offered Online via Zoom

1:00 pm to 3:30 pm Beirut time (Lebanon)

SYLLABUS

Workshop Information

Learning Objectives:

By the end of the Designing and Using Web-Based Surveys workshop, participants will be able to:

1. Distinguish among different online survey platforms, and choose a suitable tool for their own projects
2. Design a web-based survey to collect data from a selected sample
3. Understand key aspects of questionnaire and survey design (e.g., administration mode, response item, order)
4. Choose among different question types to appropriately and efficiently collect data
5. Explain the ethical aspects pertaining to designing a web-based survey and collecting data online
6. Plan a survey and data collection considering efficient data coding and management

Target audience

This activity is designed for physicians in all specialties, faculty members, students, clinical research coordinators, research assistants, associates, fellows, and researchers conducting or planning research projects involving web-based data collection.

Date

October 23-26, 2023 from 1:00 pm to 3:30 pm Beirut Local Time.

Format

Offered online via Zoom

Speakers

Marco Bardus, PhD
Assistant Professor in Public Health
Institute of Applied Health Research, University of Birmingham
Research Affiliate, Department of Health Promotion and Community Health
Faculty of Health Sciences
American University of Beirut

Martine Elbejjani, PhD
Assistant professor of Epidemiology
Research Education Unit (REU) Director
Clinical Research Institute, Department of Internal Medicine
American University of Beirut

Lina Onsi Daouk, MSc, CIM
Social and Behavioral Sciences (SBS) Administrator
Institutional Review Board (IRB)
American University of Beirut

About the Speakers

Dr. Marco Bardus is an assistant professor in public health, at the Institute of Applied Health Research, University of Birmingham (UK), and research affiliated with the Department of Health Promotion and Community Health, Faculty of Health Sciences, at the American University of Beirut. Dr. Bardus' research focuses on using digital technologies (mobile apps, social media, wearable devices) as channels to deliver interventions aimed at changing healthy behaviors to prevent noncommunicable diseases (e.g. obesity, diabetes, cancer).

Dr. Martine Elbejjani is an assistant professor of epidemiology and the director of the Research Education Unit at the Clinical Research Institute and Department of Internal Medicine at the American University of Beirut. Her research focuses on studying predictors and consequences of neurocognitive and mental health outcomes in older age and across the life-course.

Ms. Lina Onsi Daouk is an Institutional Review Board (IRB) administrator. She serves as a member of the Social and Behavioral Sciences IRB and is an expert in regulatory matters that apply to human subjects protection.

Agenda

Day	Topic	Presenter	Format
Day 1 – October 23, 2023			
1:00-1:30	Introduction to survey design	Martine Elbejjani, PhD	Presentation, discussion, practice examples, and Q&As
1:30-2:00	Variable and construct selection		
2:00-2:15	<i>Mini break</i>		
2:15-3:30	Survey item types and characteristics + Survey item and response design		
Day 2 – October 24, 2023			
1:00-1:45	Overview of web-based survey platforms available at AUB (Google Forms, Microsoft Forms, LimeSurvey, REDCap)	Marco Bardus, PhD	Presentation, discussion, practice examples, and Q&As
1:45-2:00	<i>Mini break</i>		
2:00-2:45	Transposing a questionnaire into a web-based interface available at AUB (examples from MS Forms, LimeSurvey, REDCap)		
2:45-3:30	Practical session on LimeSurvey		
Day 3 – October 25, 2023			
1:00-2:00	Deciding the recruitment channels and modalities for web-based data collection with LimeSurvey	Marco Bardus, PhD	Presentation, discussion, practice examples, and Q&As
2:00-3:30	Monitoring the data collection process		
Day 4 – October 26, 2023			
1:00-2:00	Ethical considerations	Lina Onsi Daouk, MSc	Presentation
2:00-2:15	<i>Mini break</i>		
2:15-2:45	Survey order, length, wording	Martine Elbejjani, PhD	Presentation, discussion, and practice examples
2:45-3:30	Data management, coding, and preparation for analysis		