USJ 1875 ISSP
Université Saint-Joseph de Beyrouth
Faculté de médecine
Institut supérieur de santé publique

Centre de formation professionnelle
Professional Training Center
Université Saint-Joseph de Beyrouth

PUBLIC HEALTH IN THE DIGITAL ERA

Series of webinars in digital health

DESCRIPTION

Digital public health is an emerging field in population-based research. The rapid growth of digital technology has resulted in a fundamentally improved understanding of how to advance public health through digitalization, particularly in prevention and health promotion.

Each of the modules will help you explore strategies for expanding the role of digital health transformation, predictive analytics, artificial intelligence, and other innovations in health informatics. Researchers, consultants, managers and executives, will be introduced to interesting topics during these webinars covering healthcare data management, digital hospital implementation and best practices, trends in Health IT and practices in public health information management.

Dates and duration : Saturdays 20, 27 May & 3 June 2023
from 5pm to 9pm (Beirut Time)

Language : English

Audience : Maximum of 25 participants

Modality : Online

Registration click here

Nabil Georges BADR

Nabil is a lecturer, board member, and associate researcher at St. Joseph University's Higher Institute of Public Health. Interests in research include data management, technology-enabled healthcare, and public health informatics. As a Scopus indexed author in the fields of digital anthropology, service science, and innovation management,he has published articles and reviewed conference proceedings as well as academic and professional journals. He hopes to continue leading the ISSP through promoting research and published works.

Nabil serves as Chief Technology Officer at Medvantx in a broad business role serving technology R&D and patient engagement. Nabil's prior experience includes leading technology groups in Financial Services, Insurance, Healthcare, Education, and Telecom. Nabil holds a Doctoral Degree in Business and Innovation Management and holds a Master's Degree in Digital Signal Processing and Wireless Data Transmission. For leisure, Nabil enjoys traveling, HO Model Railroading, Painting and Sculpting with a passion for Impressionism.

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Module 1	HealthCare Data Management (4 Hours)
Learning Outcome	Gain the understanding of principles of data analytics, interoperability, protection and privacy in Public Health Information Systems
Topics covered	• HealthCare Data Analytics • Health Data Standards • Coding and Interoperability • Data Quality and Patient Safety • Data Privacy and Security Issues • GDPR, Ethical considerations
Module 2	**Digital Hospital & Trends in Health IT (4 Hours)**
Learning Outcome	Gain the understanding of Digital Hospitals, issues and consideration involved in the deployment of informatics in hospital settings; including a review of challenges and success factors in implementing Electronic Medical Records
Topics covered	• Healthcare Information Systems • EMR Adoption • Implementation of Health Record systems • Mobile Health, Telehealth & Artificial intelligence • Bedside technology, Robotics • Health 5.0, Personal Health Record, Etc.
Module 3	**Public Health Information Management (4 Hours)**
Learning Outcome	Gain the understanding of applications in pandemic, public disease control, access, guidance and prevention; principles and challenges involved in the ethics of data collection
Topics covered	• Patient Journey & Public health • Managing Data for Pandemics and Emergency Management • Data and tools for Equity in care (Quintuple Aim) • The use of Geographic Health Information Systems (GHIS) • Data and Disaster Risk Reduction Sendai Framework • Ethics of Data Collection