



Prof. Dr. Yousef Khader AL-Gaud

Professor of Epidemiology and Biostatistics Faculty of medicine, Jordan University of Science and Technology

Yousef Khader AL-Gaud is a professor of Epidemiology and Biostatistics at the Faculty of medicine at Jordan University of Science and Technology (JUST). He has a master degrees in Public Health (Tulane University), Epidemiology (JUST), and Medical Education (Maastricht University) and doctoral degree in Biostatistics from Tulane University. He is a fellow of Faculty of Public Health of the Royal Colleges of physicians of the United Kingdom through distinction. He worked as a Dean of the Faculty of Applied Medical Sciences at Jordan University of Science and Technology. He published more than 625 scientific papers (<https://publons.com/researcher/1408627/yousef-khader/>) in the last 18 years in reputable journals including The Lancet, JAMA, Nature, and New England Journal of Medicine. He is the most highly cited researcher in Jordan and one of the top scientists in the region. He works as a Technical Adviser for the Eastern Mediterranean Public Health Network (EMPHNET) and worked as a research consultant with many organizations and received funding from different donors such as IDRC, UNICEF, WHO, Erasmus+, GIZ, IMC, European Union, and World Bank to conduct research in public health disciplines. He was appointed as an individual expert for the Global Air Pollution and Health - Technical Advisory Group/ WHO.

He received many national and international awards such as Distinguished Behavioral Scientist, Distinguished Professor Award, Shoman Award for Young Arab Researchers, SCOPUS Award for Scientific Contribution and Delta Omega Honorary Public Health Society. His areas of expertise include advanced epidemiologic and statistical methods, environmental health, field epidemiology, non-communicable diseases, mental health, digital health and maternal and child health.

Dr Khader made substantial contributions to the understanding of the epidemiology of NCDs in Jordan. He conducted different national surveys and determined the prevalence and incidence rates, risk factors, trends, and complications of main NCDs including diabetes, hypertension, dyslipidemia, cardiovascular diseases, and cancer. The findings of this research were utilized by policy makers in the country to identify priorities for action, plan interventional studies, and develop the national strategy for NCDs prevention and management. He also studied NCDs and their risk factors during childhood and adolescence and during pregnancy and used different statistical methods to study the structure of

metabolic syndrome among children and clustering of cardiovascular diseases risk factors. He worked as a GBD collaborator to study morbidity and mortality and burden of risk factors and diseases at global, regional, and national levels. Recently, he used digital solutions to improve health services in the country as well as for Syrian refugees in Jordan. He developed an electronic surveillance system, known as JSANDS, that automatically collects, reports, and transfers standardized perinatal mortality data to the Ministry of Health (MoH) and identify the causes of stillbirths and neonatal deaths (www.JSANDS.jo). He also collaborate with international researchers to develop the Children Immunization App (CImA) for use by parents, to record vaccine history, have an automated schedule and obtain vaccine-related information.