



Arwa Khalid Alumran

Associate Professor

Personal Data

Nationality | Saudi

Date of Birth | 14th June 1985

Department | Health Information Management and Technology

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Language Proficiency

Language	Read	Write	Speak
Arabic	√	√	√
English	√	√	√

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
Jun 2014	Doctor or Philosophy (<i>Nominated for outstanding thesis</i>)	School of Public Health, Queensland University of Technology	Brisbane, Australia
Nov 2009	Master of Public Health (Epidemiology and Research Methods)	School of Public Health, Queensland University of Technology	Brisbane, Australia
Jun 2007	Bachelor's degree in Health Information Management and Technology	College of Applied Medical Sciences, King Faisal University	Dammam, Saudi Arabia

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
College of Public Health Vice-dean for Postgraduate Studies and Scientific Research	College of Public Health	Jan. 2019 – Currently
Head of internship committee	Health Information Management Department, College of Public Health	Sep. 2017 – 2019
Head of the students development committee	Health Information Management Department, College of Public Health	Sep. 2015 – Currently



Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work			Date
Assistant Professor	Health Information Management and Technology department, College of Public Health	University of Dammam	Dammam, Saudi Arabia	Dec. 2021 – Present
Assistant Professor	Health Information Management and Technology department, College of Public Health	University of Dammam	Dammam, Saudi Arabia	Oct. 2014 – 2021
Epidemiology Tutor (part time)	School of Public Health	Queensland University of Technology	Brisbane, Australia	Feb. – Jun. 2012
Biostatistics Tutor (part time)	School of Public Health	Queensland University of Technology	Brisbane, Australia	Feb. – Jun. 2011
Lecturer	Department of Health Information Management and Technology, College of Applied Medical Sciences	University of Dammam	Dammam, Saudi Arabia	Jul. 2010 – Oct. 2014
Demonstrator	Department of Health Information Management and Technology, College of Applied Medical Sciences	University of Dammam	Dammam, Saudi Arabia	Nov. 2008 – Jul. 2010
Intern	Department of Health Services	Royal Brisbane and Women's Hospital	Brisbane, Australia	Feb. 2008 – Sep. 2008
Intern	Quality Department	Sa'ad Specialist Hospital	Al-Khobar, Saudi Arabia	Oct. 2007 – Feb. 2008



Scientific Achievements

Published Refereed Scientific Research

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	A Alumran, H Almutawa, Z Alzain, A Althumairi, N Khalid	Comparing public and private hospitals' service quality	Journal of Public Health (2021)
2	Saja A Al-Rayes, Arwa Alumran, Duaa Aljabri, Afnan Aljaffary, Ethar Aldoukhi, Zainab Alahmedalyousif, Reem Al Madani	Public Awareness and Utilization of 937-Telephone Health Services in the Kingdom of Saudi Arabia Before and During the COVID-19 Pandemic: Longitudinal Study	Journal of Medical Internet Research (2021)
3	Hessa Al-dossary, Arwa Alumran, Saja Al-rayes, Arwa Althumairi, Haifa Aljanoubai, Mishael Alhuseini, Ohoud Alkhalidi, Asma Al-Fayez, Turki Alanzi	An overview of Health Information Management education in Saudi Arabia	Informatics in Medicine Unlocked (2021)
4	A Aljaffary, F Al Yaqoub, R Al Madani, H Aldossary, A Alumran	Patient Safety Culture in a Teaching Hospital in Eastern Province of Saudi Arabia: Assessment and Opportunities for Improvement	Risk Management and Healthcare Policy (2021)
5	Demah Alsalman, Arwa Alumran, Saja Alrayes, Arwa Althumairi, Sumaiyah Alrawiai, Zahraa Alakrawi, Beyan Hariri, Turki Alanzi	Implementation status of health information systems in hospitals in the Eastern province of Saudi Arabia	Informatics in Medicine Unlocked (2021)
6	KR Paulson, AM Kamath, T Alam, K Bienhoff, GG Abady, J Abbas, ...	Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global ...	The Lancet (2021)
7	SM Al-Aithan, LA Al-ghafli, SZ Al-Shehri, AK Al-Umran	Anxiety among multiparous women in the Al-Qatif sector of KSA: A mixed-method study	Journal of Taibah University Medical Sciences (2021)
8	S Alrawiai, A Aljaffary, S Al-Rayes, A Alumran, M Alhuseini, B Hariri	The OPTION Scale: Measuring Patients' Perceptions of Shared Decision-Making in the Kingdom of Saudi Arabia	Journal of Multidisciplinary Healthcare (2020)
9	A Alumran	Further Comments on the Effect of Precautionary Measures in Containing the Spread of Covid-19 [Response to Letter]	Journal of Multidisciplinary Healthcare (2020)
10	A Alumran, H Almutawa, Z Alzain, A Althumairi, N Khalid	Comparing public and private hospitals' service quality	Journal of Public Health (2020)



11	A Alumran	Role of precautionary measures in containing the natural course of novel coronavirus disease	Journal of Multidisciplinary Healthcare (2020)
12	R Al Madani, SA Al-Rayes, A Alumran	Policies vs Practice of Medical Error Disclosure at a Teaching Hospital in Saudi Arabia	Risk Management and Healthcare Policy (2020)
13	Saja A Al-rayes, Hessah Aldossary, Ethar Aldoukhi, Zainab Alahmedalyousif, Ghadeer Aldawood, Arwa Alumran	The awareness and utilization of 937-telephone health services in Saudi Arabia: Cross-sectional survey study	Informatics in Medicine Unlocked (2020)
14	Arwa Alumran, Ohoud Alkhaldi, Zainab Aldroorah, Zainab Alsayegh, Fatimah Alsafwani, Nisreen Almaghraby	Utilization of an Electronic Triage System by Emergency Department Nurses	Journal of Multidisciplinary Healthcare (2020)
15	AY Owaidah, NM Naffaa, A Alumran, F Alzahrani	Phenotype Frequencies of Major Blood Group Systems (Rh, Kell, Kidd, Duffy, MNS, P, Lewis, and Lutheran) Among Blood Donors in the Eastern Region of Saudi Arabia	Journal of Blood (2020)
16	SA Al-Rayes, FA Aldar, NS Al Nasif, ZI Alkhadrawi, A Al-Fayez, A Alumran	The use of electronic incident reporting system: Influencing factors	Informatics in Medicine Unlocked (2020)
17	A Alumran, H Albinali, A Saadah, A Althumairi	The Effects of Ambulance Response Time on Survival Following Out-of-Hospital Cardiac Arrest	Open Access Emergency Medicine (2020)
18	A Alumran	Further Comments on the Effect of Precautionary Measures in Containing the Spread of Covid-19 [Response to Letter]	Journal of Multidisciplinary Healthcare (2020)
19	H Wang, KM Abbas, M Abbasifard, M Abbasi-Kangevari, H Abbastabar, ...	Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950–2019: a comprehensive demographic ...	The Lancet (2020)
20	BO Olusanya, S Ştefan, Y Kim, JE Alcalde-Rabanal, T Akinyemiju, ...	Global burden of 87 risk factors in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019	Lancet Publishing Group (2020)
21	HJ Taylor, R Khundkar, K Krishan, AW Eagan, A Bolor, MJ Bockarie, ...	Global burden of 369 diseases and injuries in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019	Elsevier (2020)
22	D Alhabib, A Alumarn, S Alrayes	Emergency room visualization dashboard user satisfaction in Saudi Arabia	Informatics in Medicine Unlocked (2020)



23	SA Al-Rayes, A Alumran, W AlFayez	The Adoption of the electronic health record by physicians	Methods of information in medicine (2019)
24	A Alumran, L Almulhim, B Almolhim, S Bakodah, H Aldossary, SA Alrayes	Are dental care providers in Saudi Arabia prepared to treat patients with special needs?	Journal of Multidisciplinary Healthcare, (2018)
25	Alumra, Arwa; Almulhime, Luloah; Almulhim, Bainah; Bakodah, Shoug; Aldossary, Hessa; Alakrawi, Zahra	Preparedness and willingness of dental care providers to treat patients with special needs	Clinical, Cosmetic and Investigational Dentistry (2018)
26	Alumran, A; Hou, XY; Sun, J; Yousef, A; & Hurst, C	The Parental Use of Antibiotics in Children in Saudi Arabia.	Epidemiology (sunnyvale) (2015)
27	Alumran, Arwa; Hou, Xiang-Yu; Sun, Jiandong; Yousef, Abdullah; & Hurst, Cameron	Assessing the construct validity and reliability of the parental perception on antibiotics (PAPA) scales	BMC Public Health (2014)
28	Alumran, Arwa; Hou, Xiang-Yu; & Hurst, Cameron	Assessing the overuse of antibiotics in children in Saudi Arabia: Validation of the parental perception on antibiotics scale (PAPA scale)	Health Qual Life Outcomes (2013)
29	Alumran, Arwa; Hou, Xiang-Yu; & Hurst, Cameron	Assessing the overuse of antibiotics in children with URTIs in Saudi Arabia: Development of the parental perception on antibiotics scale (PAPA scale).	Epidemiol Glob Health (2013)
30	Alumran, Arwa; Hou, Xiang-Yu; & Hurst, Cameron.	Validity and reliability of instruments designed to measure factors influencing the overuse of antibiotics	J Infect Public Health (2012)
31	Alumran, Arwa; Hurst, Cameron; & Hou, Xiang-Yu	Antibiotics overuse in children with upper respiratory tract infections in Saudi Arabia: Risk factors and potential interventions.	Clinical Medicine and Diagnostics (2011)

Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Accept . Date
1	Aljaffary, Afnan; Alumran, Arwa; Sumayya Alamoudi; Alzahrani, Raghad; Alsheddy;, Fatimah; Sumaya Alruwaiee; Doaa Aljabri; Mona Aljuwair; Althumairi, Arwa; Bayan Hariri	Shared Decision Making: Assessing Patients Awareness and Preferences in Saudi Arabia (Accepted)	Patient Preference and Adherence	Jan, 25 2022
2	Abdulelah Almansour, Jumana Alagil, Naela Alamoudi, Rahmah Alamrie, Sundus Alarifi, Sarah AlUrifan, Abdullatif Althunyan, Abdullah Alghumlas, Abdullah Alreedy, Adam Aldhawyan, Shaher Alshehri, Arwa Alumran	The influence of physical activity on COVID-19 prevention (Accepted)	Journal of Multidisciplinary Healthcare	Jan, 24 2022



3	Aljaffary, Afnan; Hariri, Beyan; Sumaya, Alruwaie; Aba alharth, Maha; Alumran, Arwa	Patient Safety Culture in Primary Healthcare Centers in the Eastern Province of Saudi Arabia (Accepted)	Risk Management and Healthcare Policy	Jan, 14 2022
4	Nouf K. Alkahtani, Sumaya Alruwaie, Afnan aljaafary, Bayan Hariri, Khalid Alissa, Zahra Alakrawi, Arwa Alumran	Digital Health Transformation in Saudi Arabia: A Cross-Sectional Analysis Using HIMSS' Digital Health Indicators (Under Revision)	Journal of Medical Internet Research	Jan, 24 2022

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	3 rd International Congress on Bacteriology and Infectious Diseases	Valencia, Spain August 04-06, 2015	Oral presentation

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
1	Faculty: Arwa Alumran, Bayan Hariri. Students: Hana Bodi, Lamy Almhaisen	Patterns of Non-attendance at the Psychiatry Clinic in King Fahad Hospital of the University	June 2016
2	Weam Alfayez, Saja Alrayes, Arwa Alumran	The Adoption of the Electronic Health Record by Physicians: Instrument validation	Jan 2019
3	Weam Alfayez, Saja Alrayes, Arwa Alumran	The Adoption of the Electronic Health Record by the Physicians: What are the influencing factors?	Mar 2019
4	Weam Alfayez, Saja Alrayes, Arwa Alumran	Why Do Physicians Reject the Electronic Health Record: A Theoretical Perspective?	Dec 2018
5	Weam Alfayez, Saja Alrayes, Arwa Alumran	Modelling of the Technology Acceptance Model in the Saudi Context	Mar 2019
6	Weam Alfayez, Saja Alrayes, Arwa Alumran	The utilization of Electronic Medical Records by Physicians	Feb 2019
7	Arwa Althumairi, Maha Abu Alfaraj, Reem Almadani, Batool Alsaeed, Arwa Alumran	"Comparative Study Between Pre and Post-Joint Commission International from the Patients Perspective	Dec 2018



Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	3 rd International Congress on Bacteriology and Infectious Diseases	Valencia, Spain August 04-06, 2015	Oral presentation
2	GCC eHealth Workforce Development Conference	Dubai, United Arab Emirates November 07-08, 2021	Oral Presentation

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Degree	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Basic Biostatistics	HIMT 211	Undergraduate	2 credit hours/week (Theoretical)
2	Introductory Epidemiology	HIMT 224	Undergraduate	2 credit hours/week (Theoretical)
3	Analytical Biostatistics	HIMT 415	Undergraduate	2 credit hours/week (Theoretical) 1 credit hours/week (practical)
4	Research Methodology	HIMT 411	Undergraduate	2 credit hours/week (Theoretical) 1 credit hours/week (practical)
5	Graduation Project	HIMT 424	Undergraduate	6 Credit hours/week
6	Application of Biostatistics	MQPS603	Postgraduate	3 Credit hours/week
7	Research Methodology	MQPS602	Postgraduate	4 Credit hours/week
8	Master Thesis	MQPS 690	Postgraduate	-

Guest/Invited Lectures for Undergraduate or Postgraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date
1	Short course in SPSS	Applied Statistics	Department of Clinical Nutrition, College of Medical Sciences, Imam Abdulrahman bin Faisal University	2016
2	Short course in SPSS	Applied Statistics	Department of Respiratory Therapy, College of Medical Sciences, Imam Abdulrahman bin Faisal University	2019
3	E-course in SPSS	Applied Statistics	Teb-X, Deanship of e-Learning and Distance Learning	2021

Last Update

25/01/2022