Arwa Althumairi

Assistant Professor

Personal Data

Nationality | Saudi

Date of Birth | 25.10.1986

Department | Health Information Management & Technology

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Language Proficiency

Language	Read	Write	Speak
Arabic	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2017	PhD	Leeds University	Leeds, UK
2013	MSc	Leeds University	Leeds, UK
2009	BSc	Imam Abdulrahman bin Faisal University	Dammam, Saudi Arabia

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	Describing the variation in hospital activity following diagnosis with cancer for childhood and adolescent cancer in Yorkshire
Master	Geographical epidemiology of cancer among teenagers and young adults in Yorkshire
Bachelor	On-the-Day of Surgery Cancellations of Elective Inpatient Surgeries in King Fahd Specialist Hospital in Dammam, Kingdom of Saudi Arabia

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work			Date
Assistant Professor	Imam Abdulrahman bin Faisal University	Dammam,	Saudi Arabia	2017
Demonstrator	Imam Abdulrahman bin Faisal University	Dammam,	Saudi Arabia	2008

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Vice Dean of Quality, Development and Community Services in College of Public Health	College of Public Health, IAU	2018-present
Health Information Management and Technology Academic coordinator	Environmental engineering department, UoD	2017-present

Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s), Journal, Publisher, Date
1	Mobile Ambulatory Application Asifny and Traditional Phone Request 997: A Comparative Cross-Sectional Study (2021)
2	Measuring patient trust in public versus private physicians in the Kingdom of Saudi Arabia (KSA) (2020)
3	The Effects of Ambulance Response Time on Survival Following Out-of-Hospital Cardiac Arrest (20200
4	information systems in hospitals in the eastern province of Saudi Arabia (2020)
5	Comparing public and private hospitals' service quality,2020.
6	Healthcare Burden among Young People with Cancer and Related Comorbidity: A Population Based Linked Cohort Analysis,2016.
7	On-the-Day of Surgery Cancellations of Elective Inpatient Surgeries in King Fahd Specialist Hospital in Dammam, Kingdom of Saudi Arabia, ournal of King Abdulaziz, 2013.

Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
1	Miss Hessa Al-dossary, Dr Arwa Alumran, Dr Arwa Althumairi, Dr Saja Al-Rayes, Mrs Haifa Aljanoubi, Miss	An Overview of Health Informatics and Information Management Education in Saudi Arabia	Informatics in Medicine Unlocked	February 2021

Mishael Alhuseini, Ms Ohoud Alkhaldi, Mrs Asma Al-Fayez	

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s), Research Title, Conference and Publication Date
1	Althumairi, A., Feltbower, R., van Laar, M., Kinsey, S., Glaser, A. and Picton, S., 2015, June. Patterns of hospital admissions and length of stay during 1996 to 2011 among children compared with teenagers and young adults after completing treatment following diagnosis with cancer in Yorkshire. In *European Journal of Cancer Care* (Vol. 24, pp. 9-9). Wiley.
2	

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
1			

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	National Cancer Intelligent : Cancer outcome Conference 2016	Manchester, UK, June 2016	Poster
2	National Cancer Intelligent : Cancer outcome Conference 2016	Belfast, Ireland, June 2015	Presentation
3	Science Day 2015	Leeds, UK, May 2015	Presentation
4	Science Day 2016	Leeds, UK, May 2016	Poster
5	Cancer Outcomes Conference 2015: United Against Cancer, Belfast 8-10 June.	Belfast, June 2015.	Oral Presentation

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Basic Biostatistics	HIMT 212	Credit 2
2	Research Methodology	HIMT 411	Credit 3
3	Graduation Project	HIMT 424	Credit 6

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	Basic Biostatistics HIMT 211 : This course provides students with an understanding of the principles of biostatistics as related to medical sciences. It helps students to understand the nature of data, data sources, and methods of data presentation, correlation and regression. It also gives them an idea about the concept of hypothesis testing and some tests of significance.
2	Research Methodology HIMT 411: This course enables students to understand the integrated processes of designing and conducting a health research. Along the course students will learn how to generate, formulate and justify the research idea, the different types of study designs, how to search in the literature and different data sources, how to design a questionnaire, estimate required sample size for a study and select a sample. Also students will be trained on writing a research proposal and evaluating a research article.
3	Graduation Project HIMT 424: Individualized projects designed and completed by the student under faculty supervision at approved clinical sites where student applies theory taught throughout the program.

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Research Methods in Quality and Patient Safety	MQPS 602	Credit 4

Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description)

1	Research Methods in Quality and Patient Safety MQPPS 602: The course trains students on all steps of conducting research from generation of a study question to publication. Students learn the difference between qualitative and quantitative research but the emphasis is on the latter. Supported with examples and published studies in the field of healthcare quality and patient

safety, students learn about different study designs, validity issues including chance, bias, and confounding. Students learn about evidence based medicine and patient outcomes. Students also practice critical appraisal of published research. By the end of the course, students are introduced to the basics of Knowledge translation, identifying barriers to introducing evidence-based changes in a clinical environment and strategies to overcome such barriers.

Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	to
1	HIMT 411 Research Methodology	X		X		2018	2021
2	MQPS 602 Research Methods in Quality and Patient Safety	X			X	2018	2021

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	to
1	2	7	2017	2018
2	4	2	2017	2018
3	4	2	2018	2019
4	4	2	2019	2020

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
1	MSc	The role of accreditation toward patient safety: An assessment of CBAHI-Essential Safety Requirements (ESR)	Imam Abdulrahman bin Faisal University	2018-2019

Ongoing Research Supervision

#	Degree Type	Title	Institution	Date
1	MSc	Psychosocial impact of COVID 19 among nurses in relation with medical error and turnover rate.	Imam Abdulrahman bin Faisal University	2020-2021

Administrative Responsibilities, Committee and Community Service
(Beginning with the most recent)

Administrative Responsibilities

#	From	To	Position	Organization
1	2018	present	Vice Dean for Quality Development and Community Services	College of Public Health , IAU
2	2017	2018	Academic affair coordinator	Health Information Management and Technology, IAU

Committee Membership

#	From	To	Position	Organization
1	2017	2018	Exam Quality Committee	IAU,Dammam
2	2017	2018	Program development committee	IAU,Dammam
3	2017	2018	Graduation project committee	IAU,Dammam
4	2017	2018	Graduation ceremony organization Committee	IAU,Dammam
5	2017	2018	Orientation Day committee	IAU,Dammam

Volunteer Work

#	From	To	Type of Volunteer	Organization
1	2019	2020	Waie	Ministry of Education-High school
2	2019	2020	Salem	Ministry of Education-High school
3	2019	2020	Taziz	Ministry of Education-Primary school

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Excel in data manipulation
2	GIS software MapInfo software
3	SPSS statistical Analysis software
4	Stata Analysis software

Last Update

14/10/2020