

Curriculum vitae



Personal Information

Initial(s)	Dr.
First name	Karzan
Last name	Mohammad
Address(es)	
Home	87- A Green Block New Zanko Village Kirkuk Road Erbil-Iraq
Work	Research Center ISHIK University 100 M Road Erbil-Iraq
Telephone	+964 750 409 5454
Email (s)	Karzan.mohammad.km@gmail.com
Nationality	Iraq
Date of Birth	07/01/1979
Gender	Male
Driving License	UK and International license. Iraqi Driving License
Education	PhD, MSc and BSc in Medical Biology

Scientific and Academic Experience

Date	July 2018 – date
Experience	Managing the faculty of science as dean. Deanery supervision of 3 departments. Member of the University Council. Strategic plan and perspective analysis for Faculty improvement. Administrative top management and university decision and policy maker.
Occupation/Position	Dean of Science Faculty
Name and address of employer	ISHIK University, Erbil - Iraq
Type of business sector	Higher Education Institution
Date	2017 – date
Experience	Education and community health concerns of the community. Humanitarian organization and scientific research data base establishment. Country based research and evaluation. Data collection and health metrics and evaluation. International conference organization and arranging scientific forums, symposium, and workshops
Occupation/Position	Head of Organization
Name and address of employer	Education and Community Health Organization (ECHO)
Type of business sector	Research and Scientific based humanitarian intrusions.
Date	2016-date
Experience	Scientific research and research consultancy. Leading the research and strategic plan for impact of research
Occupation/Position	Head of Scientific Research Department
Name and address of employer	ISHIK University, Erbil - Iraq
Type of business sector	Higher Education Institution
Date	July 2016-date
Experience	Education programme and country project consultant. Strategic advisory group of Unicef Education program in Iraq.
Occupation/Position	Consultant
Name and address of employer	UNICEF
Type of business sector	HUMANITARIAN
Date	September 2015-July 2016
Experience	Vice dean for administration and student affairs, this included direct role in organizing the college administration, human resources, strategic scientific planning, research technology improvements. Moreover, direct manager of the health and safety in work place. Coordinator and organizer of scientific events including conferences, festivals and student activities.
Occupation/Position	Deputy Dean
Name and address of employer	College of Education Salahaddin University Kirkuk Road Erbil-Iraq
Type of business sector	Higher Education Institution

Date	January 2013- to date
Experience	Global epidemiological studies of diseases, causes of death, and mortality rates. This includes data collection, management, and conclusion on country based programming. Chasing disease epidemiology and spread nationwide and collecting accurate information.
Occupation/Position	Collaborator
Name and address of employer	Institute for Health Metrics and Evaluation 2301 Fifth Ave., Suite 600 Seattle, WA 98121 USA
Type of business sector	Higher Education Institution
Date	January 2014- to date
Experience	Molecular manipulation of microbial genome, antimicrobial target proteins, protein quantification and measurement, gene expression studies, gene knock out, transformation, recombination, protein production, genome reconstruction, growth rate analysis.
Occupation/Position	Research Fellow
Name and address of employer	University of Manchester Manchester-UK
Type of business sector	Higher education institution
Date	November 2011 to January 2014
Experience	Molecular Techniques including PCR based techniques, Gel Electrophoresis, DNA and RNA extraction purification and quantification, Fusion PCR, Real time PCR (qPCR), gene expression studies, gene quantification, qPCR data analysis, Primer designs, optimization and efficiency studies of primers. Cell proliferation studies (XTT), Cloning and transformation. Basic laboratory skills in Microbiology, including the cultivation, preparation of cultures, identifications, antimicrobial testing, and cell based studies and characteristics of bacteria and fungi, biofilms of microbes.
Name and address of employer	University of Manchester Manchester-UK
Type of business sector	Higher education institution
Date	September 2005–November 2011
Occupation/Position	Lecturer
Experience	Teaching and lecturing the medical microbiology, Supervising laboratory techniques for undergraduate and post graduate (MSc) students including microbial cultivation, growth, antimicrobial tests, and microbial identification, microbial DNA manipulation, PCR techniques, transformation, recombination, and Gene expression.
Name and address of the employer	University of Salahaddin Erbil-Iraq

Type of business sector	Higher education institution
Date	October 2001-September 2005
Occupation/Position	Demonstrator/Biology assistant
Experience	Demonstrating basic laboratory techniques in medical microbiology to undergraduate students as a biology assistant in the laboratories of medical microbiology and medical mycology at the colleges of science/education.
Name and address of the employer	University of Salahaddin Erbil-Iraq
Type of business sector	Higher education institution

Membership of professional bodies

Date	2013 to date
Body	GBD (Global burden of disease)
Date	2013 to date
Body	ECCMID
Date	2014 to date
Body	MFIG (Manchester fungal infection group)
Date	2013 to date
Body	ASM
Date	2000 to date
Body	Kurdistan Teaching Syndicate
Date	2000 to date
Body	Kurdistan Biology Syndicate

Publications and conferences:

Research gate page: https://www.researchgate.net/profile/Karzan_Mohammad

Google Scholar Page: <https://scholar.google.com/citations?user=f1BvwOEAAAAJ>

Title	Status
Transcriptome analysis of quorum sensing and gene interactions of <i>Candida albicans</i> and <i>Pseudomonas aeruginosa</i> in mixed biofilms with regard to the antifungal resistance	2016 ZANCO Journal of Pure and Applied Sciences Volume 28 (6): 183-187
Knocking out the <i>pptA</i> gene in <i>Aspergillus fumigatus</i> could result in new protein profile and promising targets for antifungals	Accepted for publication
Novel Antibiotics and Plant Extract combination against Infection with <i>Escherichia coli</i> and <i>Staphylococcus aureus</i>	Published in ICASEE-2018. Proceeding book

TITLE	CITED BY	YEAR
<input type="checkbox"/> Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990–2015: a systematic ... MH Forouzanfar, A Afshin, LT Alexander, HR Anderson, ZA Bhutta, ... The Lancet 388 (10053), 1659-1724	1386	2016
<input type="checkbox"/> Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990–2013: a systematic ... T Vos, RM Barber, B Bell, A Bertozzi-Villa, S Biryukov, I Bolliger, ... The Lancet 386 (9995), 743-800	1214	2015
<input type="checkbox"/> Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980–2015: a systematic analysis for the Global ... H Wang, M Naghavi, C Allen, RM Barber, ZA Bhutta, A Carter, DC Casey, ... The lancet 388 (10053), 1459-1544	839	2016
<input type="checkbox"/> Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990–2015: a systematic analysis for the Global Burden of ... T Vos, C Allen, M Arora, RM Barber, ZA Bhutta, A Brown, A Carter, ... The Lancet 388 (10053), 1545-1602	747*	2016
<input type="checkbox"/> Global, regional, and national disability-adjusted life years (DALYs) for 306 diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990–2013: quantifying ... CJL Murray, RM Barber, KJ Foreman, AA Ozgoren, F Abd-Allah, SF Abera, ...	745	2015

TITLE	CITED BY	YEAR
The Lancet 386 (10009), 2145-2191		
<input type="checkbox"/> Global, regional, and national cancer incidence, mortality, years of life lost, years lived with disability, and disability-adjusted life-years for 32 cancer groups, 1990 to ... C Fitzmaurice, C Allen, RM Barber, L Barregard, ZA Bhutta, H Brenner, ... JAMA oncology 3 (4), 524-548	728	2017
<input type="checkbox"/> Global, regional, and national incidence and mortality for HIV, tuberculosis, and malaria during 1990–2013: a systematic analysis for the Global Burden of Disease Study 2013 CJL Murray, KF Ortblad, C Guinovart, SS Lim, TM Wolock, DA Roberts, ... The Lancet 384 (9947), 1005-1070	684	2014
<input type="checkbox"/> Global, regional, and national levels of neonatal, infant, and under-5 mortality during 1990–2013: a systematic analysis for the Global Burden of Disease Study 2013 H Wang, CA Liddell, MM Coates, MD Mooney, CE Levitz, AE Schumacher, ... The Lancet 384 (9947), 957-979	531	2014
<input type="checkbox"/> Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990–2015: a systematic analysis for the ... NJ Kassebaum, M Arora, RM Barber, ZA Bhutta, J Brown, A Carter, ... The Lancet 388 (10053), 1603-1658	354	2016
<input type="checkbox"/> Estimates of global, regional, and national incidence, prevalence, and mortality of HIV, 1980–2015: the Global Burden of Disease Study 2015	200	2016

TITLE	CITED BY	YEAR
H Wang, TM Wolock, A Carter, G Nguyen, HH Kyu, E Gakidou, SI Hay, ... The lancet HIV 3 (8), e361-e387		
<input type="checkbox"/> Global, regional, and national age-sex specific mortality for 264 causes of death, 1980–2016: a systematic analysis for the Global Burden of Disease Study 2016 M Naghavi, AA Abajobir, C Abbafati, KM Abbas, F Abd-Allah, SF Abera, ... The Lancet 390 (10100), 1151-1210	180	2017
<input type="checkbox"/> Smoking prevalence and attributable disease burden in 195 countries and territories, 1990–2015: a systematic analysis from the Global Burden of Disease Study 2015 MB Reitsma, N Fullman, M Ng, JS Salama, A Abajobir, KH Abate, ... The Lancet 389 (10082), 1885-1906	109	2017
<input type="checkbox"/> Global, regional, and national levels of maternal mortality, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015 NJ Kassebaum, RM Barber, ZA Bhutta, L Dandona, PW Gething, SI Hay, ... The Lancet 388 (10053), 1775-1812	82	2016
<input type="checkbox"/> Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990 ... SI Hay, AA Abajobir, KH Abate, C Abbafati, KM Abbas, F Abd-Allah, ... The Lancet 390 (10100), 1260-1344	77	2017
<input type="checkbox"/> Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980–2015: a systematic analysis for the Global Burden of ...	77	2016

TITLE	CITED BY	YEAR
H Wang, ZA Bhutta, MM Coates, M Coggeshall, L Dandona, K Diallo, ... The Lancet 388 (10053), 1725-1774		
<input type="checkbox"/> Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990–2016: a systematic ... E Gakidou, A Afshin, AA Abajobir, KH Abate, C Abbafati, KM Abbas, ... The Lancet 390 (10100), 1345-1422	73	2017
<input type="checkbox"/> Health in times of uncertainty in the eastern Mediterranean region, 1990–2013: a systematic analysis for the Global Burden of Disease Study 2013 AH Mokdad, MH Forouzanfar, F Daoud, C El Bcheraoui, M Moradi-Lakeh, ... The Lancet Global Health 4 (10), e704-e713	63	2016
<input type="checkbox"/> Healthcare Access and Quality Index based on mortality from causes amenable to personal health care in 195 countries and territories, 1990–2015: a novel analysis from the ... RM Barber, N Fullman, RJD Sorensen, T Bollyky, M McKee, E Nolte, ... The Lancet 390 (10091), 231-266	62	2017
<input type="checkbox"/> Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970–2016: a systematic analysis for the Global Burden of ... H Wang, AA Abajobir, KH Abate, C Abbafati, KM Abbas, F Abd-Allah, ... The Lancet 390 (10100), 1084-1150	57	2017

TITLE	CITED BY	YEAR
<input type="checkbox"/> Global, regional, and national deaths, prevalence, disability-adjusted life years, and years lived with disability for chronic obstructive pulmonary disease and asthma, 1990 ... JB Soriano, AA Abajobir, KH Abate, SF Abera, A Agrawal, MB Ahmed, ... The Lancet Respiratory Medicine 5 (9), 691-706	52	2017
<input type="checkbox"/> Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global ... N Fullman, RM Barber, AA Abajobir, KH Abate, C Abbafati, KM Abbas, ... The Lancet 390 (10100), 1423-1459	30	2017
<input type="checkbox"/> Global, regional, and national levels of maternal mortality, 1990â 2015: a systematic analysis for the Global Burden of Disease Study 2015 GBD Collaborators, NJ Kassebaum, RM Barber, L Dandona, SI Hay, ... The Lancet 388 (10053), 1775-1812	9	2016
<input type="checkbox"/> Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global ... N Fullman, J Yearwood, SM Abay, C Abbafati, F Abd-Allah, J Abdela, ... The Lancet 391 (10136), 2236-2271	5	2018
<input type="checkbox"/> Alcohol use and burden for 195 countries and territories, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016 MG Griswold, N Fullman, C Hawley, N Arian, SRM Zimsen, HD Tymeson, ... The Lancet 392 (10152), 1015-1035	3	2018

TITLE	CITED BY	YEAR
<input type="checkbox"/> Estimates of the global, regional, and national morbidity, mortality, and aetiologies of lower respiratory infections in 195 countries, 1990–2016: a systematic analysis for the ... C Troeger, B Blacker, IA Khalil, PC Rao, J Cao, SRM Zimsen, ... The Lancet Infectious Diseases		2018
<input type="checkbox"/> Smoking prevalence and attributable disease burden in 195 countries and territories, 1990-2015: a systematic analysis from the Global Burden of Disease Study 2015 (vol 389, pg ... KA Mohammad, JA Salomon LANCET 390 (10103), 1644-1644		2017
<input type="checkbox"/> Erratum: Correction to Lancet HIV ((2016) 3 (e361–87)(S235230181630087X)(10.1016/S2352-3018 (16) 30087-X) H Wang, TM Wolock, A Carter, G Nguyen, HH Kyu, E Gakidou, SI Hay, ... The Lancet HIV 3 (9), e408		2016

Personal Skill and Competence:

Mother Language				Kurdish							
Other Languages											
		Understanding				Speaking				Writing	
		Listening		Reading		Spoken interaction		Spoken Production			
English	C2	Proficient User	C2	Proficient User	C2	Proficient User	C2	Proficient User	C1	Proficient User	
Arabic	C2	Proficient User	C2	Proficient User	C2	Proficient User	C2	Proficient User	C2	Proficient User	
Social skills and competences				An excellent ability to manage my personal reactions, take responsibilities in work and life. Based on my experience, I can overcome stresses and calmly find out ways toward the best solutions. I have the ability to recognize gaps in my knowledge and acquire it independently. I have the capacity and desire to continue to learn beyond the structured organized information.							
organisational skills and competences				Evaluating and weighing different sides of an idea, applying reasons and logic to determine the merits of arguments, and drawing and evaluating conclusions from logical arguments and data analysis. Ability to identify, define and analyse problems. Such ability and competence acquired throughout more than 18 years organizational work and employment in international companies; including imaginative and innovative thinking to find new ways to approach a problem, and identifying and designing an appropriate methodology of resolution; understanding the limitations and scope of problems.							
Computer skills and competences				The ability to use IT resources (such as productivity applications like Microsoft office processors, on-line resources, or computer presentation tools) effectively and efficiently. Able to acquire, organize, analyze, evaluate, and present information using appropriate technology, and using information technology to expand the range and effectiveness of communication.							

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