

**Abdulsalam Alkaiyat, Associate
Professor of Epidemiology and Public
Health.**



Personal Information

Profession	Epidemiologist and Public Health Expert
Nationality	Palestinian
DOB	9 th . Sep. 1981

Address

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Work Experience

2021- to date	Vice President for Academic Affairs, An-Najah National University
2020- 2021	Head of Biomedical Sciences Department, Faculty of Medicine and health sciences, An-Najah National University, Nablus- Palestine
2019- 2021	Head Of Public Health Department, Faculty of Medicine and health sciences, An-Najah National University, Nablus- Palestine
2018 – to date	Honorary senior researcher Population Health Sciences, Bristol Medical School, Bristol University Bristol- UK
2015 – 2019	Scientific Research Coordinator Faculty of Medicine and health sciences, An-Najah National University, Nablus- Palestine
2014 – to date	Associate Professor of Epidemiology and Public Health, Faculty of Medicine and health sciences, An-Najah National University, Nablus- Palestine

- 2013 – to date **Postdoctoral Scientific Collaborator**
Swiss Tropical and Public Health Institute, Basel – Switzerland
 Epidemiology, health policy and management of Non-Communicable diseases in the Middle East region.
- 2009 – 2013 **PhD student**
Swiss Tropical and Public Health Institute, Basel – Switzerland
 Medical, clinical, social and cultural aspects of HIV/AIDS control in the Middle East. Conducting studies for the public health and epidemiology department at the Swiss tropical and public health institute.
- 2011 **Consultant**
UNICEF MENA regional office, Amman-Jordan
 Management and analysis of the UNICEF HIV/AIDS data for eight countries in the region. This consultancy work included analysis plan, report writing and setting priority policy actions and recommendations on country and regional level.
- 2008 – 2010 **Consultant**
Swiss International Health Centre, Basel-Switzerland
 HIV/AIDS awareness program in the West Bank and Gaza Strip funded by the Global Fund and conducted by the UNDP office in Jerusalem. This includes giving assessments, monitoring and evaluation on applying the program, concerning public health and treatment sectors.
- 2006 - 2007 **Research Project leader**
Faculty of Medicine, University of Jordan, Amman - Jordan
 Single cell PCR as Pre-implantation genetic diagnosis for Haemophilia patients. The first project of its kind in the region, targeting to develop a PGD protocol using PCR technique, to help haemophilia patients and carriers not to have a haemophilic offspring.
 Methods used: PCR, RT-PCR, cell culture, basic clinical and genetic screening techniques.
- 2005 - 2006 **Research Assistant, Oncology Research**
Novartis Institute for Biomedical Research (NIBR) , Basel - Switzerland
 Methods used: Cloning strategies, protein purification following expression by bacterial or baculovirus system, western blotting, immunoprecipitation PCR and RT-PCR includes primers design, cell culture, cell transfection with DNA, RNA and siRNAs, FACS, and soft agar monolayer.
- 2003 - 2005 **Pharmacist**
Al-Kamal Community Pharmacy, Nablus - Palestine
 Dispensed medication under prescription for patients, prepared pharmaceutical formulations for a number of drugs ranging from, ointments, suspensions, IV drugs to herbal medicines, managed the pharmacy's finance and budget requirements.
- 2001 **Trainee**
Novartis Institute for Biomedical Research , Basel - Switzerland
 Metabolism and cardiovascular research department
 Cloning and preliminary expression studies of rat agouti Related protein C-terminus in E.Coli.
 Methods used; Designing forward and reverse primers, Amplification using PCR, Preparing gels for DNA separation, Cloning of PCR products, Transformation using competent cells, Sub-cloning of plasmids in a bacterial

expression vector and other molecular biology and molecular genetics techniques.

2000 - 2001

Manager

AIINet Internet Cafe, Downtown Nablus - Palestine

Directed and organized the start-up of the 2nd internet café in the town of Nablus, assumed the role of Manager for its initial year of operation, assisted clientele in the editing of projects and research papers.

Education

- 2009- 2013 **PhD in Epidemiology and Public Health, Swiss Tropical and Public Health Institute, Basel University, Basel – Switzerland and Swiss School of Public Health**
Thesis title: Key elements of HIV/AIDS control in the Arab World.
- 2007- 2008 **Master in Epidemiology and Infection Biology, Swiss Tropical Institute, Basel University, Basel – Switzerland**
Specialty courses: epidemiology methods and concepts, clinical trials biostatistics, health system, public health, urban health, international health, drug discovery, anthropology, disease ecology, and infection models.
- 2005-2006 **Training in Molecular Pharmacy, Basel University and Novartis Institute for Biomedical Research, Basel- Switzerland.**
Developing a project about the "Role of the MSM promoter SNP in tumorigenesis". In the Oncology department in Novartis Institute For Biomedical Research along with Pharmazentrum at Basel University.
- 2000 - 2005 **Bachelor of Pharmaceutical Sciences, Al-Najah University, Nablus- Palestine**
Specialty courses: pharmacology, pharmacokinetics, pharmacodynamics, clinical pharmacy, physical chemistry, immunology, anatomy, physical chemistry, analytical chemistry, biostatistics, toxicology, medicinal chemistry, public health, biochemistry, organic chemistry, and drug discovery.
- 1999 **Tawjihi Diploma, Scientific Stream, Nablus - Palestine**
High Honours & Matriculation Score 93.5%

Projects and awards

- 2020 **QR GCRF award on antimicrobial resistance as a global health issue in settings of precarity**
- 2019 **NIHR award: Health system response to violence against women**
- 2018 **Swiss Excellence Scholarship**
Co-supervise a PhD scholarship on Palestinian Medical students Social welfare in Palestine
- 2017 **Medical research council grant**
Health system response to violence against women: across different countries
- 2016 **Swiss Excellence Scholarship**
Co-supervise a PhD scholarship on cardiovascular diseases and mental health in Palestine
- 2015 **Swiss Excellence Scholarship**
Co-supervise a PhD scholarship on understanding health system research in Palestine

Publications

- 2020 AO Salah, AD Salameh, MA Bitar, HZ Sa'ed, AS Alkaiyat, SW Al-Jabi. Complementary and alternative medicine use in coronary heart disease patients: a cross-sectional study from Palestine. BMC Complementary Medicine and Therapies 20 (1), 1-14
- 2020 Health Research Capacities in Palestine: High-quality and Proper Knowledge Transfer and Translation for Sound Decision-making
M AlKhalidi, H Meghari, IA Jillson, A Alkaiyat, M Tanner
- 2020 Exploring health system readiness for adopting interventions to address intimate partner violence: a case study from the occupied Palestinian Territory
M Colombini, A Alkaiyat, A Shaheen, C Garcia Moreno, G Feder, ...
Health policy and planning 35 (3), 245-256
- 2020 Pre-hospital trauma care and hospital length of stay among road traffic accidents patients: a retrospective cohort study in Nablus/Palestine
D Salameh, RA Shu'aib, A Barqawi, W Sayeh, A Alkaiyat
- 2020 Adherence to the management of type i diabetes among Palestinian patients in Nablus city: a cross-sectional study
A Alkaiyat, L Hilo, T Braik, W Sayeh, I Alem
adolescence 13, 14
- 2020 Mapping stakeholders of the Palestinian Health Research System: a qualitative study
M AlKhalidi, A Alkaiyat, C Pfeiffer, S Haj-Yahia, H Meghari, H Abu Obaid, ...
Eastern Mediterranean health journal= La revue de sante de la Mediterranee ...
- 2019 Interventional cardiac catheterization predictors at Al-Arabi heart Center in Palestine in 2017
A Alkaiyat, R Abumadi, S Atari, W Sayeh, H Al Zabadi, Z Sarawan, ...
BMC Cardiovascular Disorders 19 (1), 1-5
- 2019 Mediators of gender effects on depression among cardiovascular disease patients in Palestine
H Allabadi, N Probst-Hensch, A Alkaiyat, S Haj-Yahia, C Schindler, ...
BMC psychiatry 19 (1), 284
- 2019 Depression and anxiety symptoms in cardiac patients: a cross-sectional hospital-based study in a Palestinian population
H Allabadi, A Alkaiyat, A Alkhayyat, A Hammoudi, H Odeh, J Shtayeh, ...
BMC Public Health 19 (1), 232
- 2019 A vision to strengthen resources and capacity of the Palestinian health research system: a qualitative assessment
M AlKhalidi, H Meghari, A Alkaiyat, Y Abed, C Pfeiffer, M Marie, ...
East Mediterr Health J
- 2018 Assessing policy-makers', academics' and experts' satisfaction with the performance of the Palestinian health research system: a qualitative study
M AlKhalidi, Y Abed, C Pfeiffer, S Haj-Yahia, A Alkaiyat, M Tanner
Health research policy and systems 16 (1), 66

- 2018 The Palestinian health research system: who orchestrates the system, how and based on what? A qualitative assessment
M AlKhaldi, A Alkaiyat, Y Abed, C Pfeiffer, R Halaseh, R Salah, M Idries, ...
Health research policy and systems 16 (1), 69
- 2018 Dialysis-related factors affecting self-efficacy and quality of life in patients on haemodialysis: a cross-sectional study from Palestine
I Mousa, R Ataba, K Al-ali, A Alkaiyat, HZ Sa'ed
Renal Replacement Therapy 4 (1), 21
- 2018 Understanding the concept and importance of the health research system in Palestine: a qualitative study
M AlKhaldi, Y Abed, C Pfeiffer, S Haj-Yahia, A Alkaiyat, M Tanner
Health research policy and systems 16 (1), 49
- 2018 Challenges and prospects in the public health research system in the occupied Palestinian territory: a qualitative study
M Al Khaldi, Y Abed, A Alkaiyat, M Tanner
The Lancet 391, S25
- 2017 Ethnopharmacological survey of home remedies used for treatment of hair and scalp and their methods of preparation in the West Bank-Palestine
AN Zaid, NA Jaradat, AM Eid, H Al Zabadi, A Alkaiyat, SA Darwish
BMC complementary and alternative medicine 17 (1), 355
- 2015 Characterizing diabetes in Palestine: a pilot study: PST2. 002
A Alkaiyat, S Hamshari
Tropical Medicine & International Health 20
- 2014 Condom use and HIV testing among men who have sex with men in Jordan
A Alkaiyat, C Schaetti, M Liswi, MG Weiss
Journal of the International AIDS Society 17 (1), 18573
- 2013 HIV in the Middle East and North Africa: priority, culture, and control
A Alkaiyat, MG Weiss
International journal of public health 58 (6), 927-937
- 2004 Typical and atypical antipsychotic drug utilization in a psychiatric clinic in Palestine
W Sweileh, N Jaradat, AA Al-Khayyat
An-Najah Univ J Res 18, 39-47
-

Workshops & Trainings & consultancy work

- 2012 **Ethics in Biomedical and Public Health Research, University of Basel, Basel- Switzerland**
Introduction to biomedical ethics principles and research ethics that applicable to all public health and biomedical research. Learn from ethical challenges that researchers face when conducting different types of studies, i.e., medical, epidemiology, molecular biology, genetics, and health education.
- 2012 **Qualitative research in health: where quantitative research methods cannot reach, University of Basel, Basel- Switzerland**
The principles, strengths and limitations of qualitative research, and use of qualitative research in public health and the combination of qualitative and quantitative methods.
- 2011 **Systematic Reviews and Meta-Analysis: a Practical Approach, University of Bern, Bern- Switzerland**
The design and conduct of comprehensive literature searches, data extraction and presentation, assessment of study quality and examination for publication bias and other biases. The statistical methods for combining results in meta-analysis.
- 2011 & 2012 **Health systems and policy, Swiss Tropical and Public Health Institute, Basel- Switzerland**
To understand the importance of health systems and health systems research in achieving public health goals and in epidemiology and to get acquainted with the performance framework of health systems and the main conceptual elements of this framework.
- 2011 **Monitoring and evaluation and Social Policy, MENA UNICEF, Amman-Jordan**
The annual UNICEF meeting discusses the evaluation of Equity-focused programs, social policy and protection, as well as update on the regional countries health and social policy situation.
- 2009 & 2010 **Cultural Epidemiology, Swiss Tropical and Public Health Institute, Basel- Switzerland**
Assist in understating the social and cultural features of public health and how these features affect disease control.
- 2008 **Essentials in drug development and clinical trials , Swiss International Health Centre, Basel-Switzerland**
Covers the protocols, regulations, and monitoring of clinical trials in both; developed and developing countries.
- 2008 **LA training (Local fund agent), The Global Fund, Geneva-Switzerland**
Organized by the Global Fund, to train LA agent about their assessment and role in the global fund projects evaluation.
- 2008 **Sexual education in Islam, Amman-Jordan**
Attend a workshop about Sexual Education and STI from an Islamic point of view.
- 2003 **Medical errors, Nablus-Palestine**
Lead a practical training on the most common medical errors in Palestine.

Language Proficiency

Arabic	Mother language
English	Fluent
German	Basic

Professional references

Available upon request
