

Khalid A. Kheirallah, PhD/ Epidemiologist
Chairperson, Associate Professor
Department of Public Health
Medical School of Jordan University of Science and Technology
P.O. Box 3030, Irbid 22110, Jordan
+962 79611 9094 +1 804 420 2421
kkheiral@gmail.com, kakheirallah@just.edu.jo
[Google Scholar](#), [ResearchGate](#)

SUMMARY OF SKILLS

- **Epidemiology:** One Health, Zoonotic Diseases, M&E, Survey Measures, Instrument Design, Quantitative Data Analysis, Visualization and Reporting (AVR), Research Methodology, Data Mining and Modeling,
- **International (Global) Development:** Emergency Preparedness, Preparedness and Response Measures, Health Security, Refugee Health, Mental Health, KAP, HIV/AIDS, Tobacco Control/Prevention, Disease Surveillance.
- **Management:** Project/research management.
- **Teaching:** Online Course Development, Professional Training, Graduate Studies.
- **Training:** ToT, Capacity Building, Grant Writing, Report Preparation, Health Informatics, Need Assessment, Grant Management.
- **Languages:** English (fluent), Arabic (fluent-mother language).
- **IT/web Applications:** SAS 9.1, SPSS 21, STATA, Crystal Reports 2008, ArcGIS 9.2, SmartDraw, Desktop Centrus GeoStan.

EDUCATION

Doctor of Philosophy, <i>Tulane School of Public Health and Tropical Medicine, New Orleans, LA</i> <i>International Development/Epidemiology</i>	Dec 2009
Master of Science, Epidemiology <i>The Graduate School of Tulane University, New Orleans, LA</i>	Dec 2006
Master of Public Health in Epidemiology, <i>The Graduate School of Jordan University of Science and Technology, Ramtha, Jordan</i>	Jan 2002
Bachelor of Dental Surgery, <i>The Dental School of Jordan University of Science and Technology, Ramtha, Jordan</i>	Jun 1999

RELATED EXPERIENCE

WHO Consultant (One Health, Influenza, Zoonotic Diseases Epidemiology)
WHO-Jo
Amman-Jordan

Acting Chairman, Dept. of Public Health, Community and Family Medicine
Medical School of Jordan University of Science and Technology, Ramtha/ Jordan
September 2014 – Sept 2015 and September 2020-till now

Associate/Assistant Professor of Public Health
Department of Public Health, Medical School of Jordan University of Science and Technology, Ramtha/ Jordan

Senior Biostatistician

Division of Quality Management, Virginia Dept. of Behavioral Health and Behavioral Services (DBHDS), Richmond VA
November 2015- May 2016

Lead Epidemiologist/ Biostatistician

Strategic Information Bureau/ HIV Administration/ DC Department of Health, Washington DC
February 2010 - September 2010

Served as a lead epidemiologist for projects funded by CDC and NIH that relates to service coverage and utilization for HIV/AIDS patients as well as projects related to investigating new horizons for immunizations for HIV. Utilized available data to create M&E framework for evaluation and impact assessment.

Epidemiologist/ Analysis, Visualization, and Reporting (AVR) Coordinator

Health Informatics and Integrated Surveillance Systems/ Division of Disease Prevention/ Virginia Department of Health, Richmond, VA
November 2007 –February 2010

Served as an AVR SME for Virginia HIV/STD surveillance and provided statistical reports that were used by stakeholders to design policies related to STDs and to meet program assessment and evaluation at the state and local (county) levels. Worked with major stakeholders in identifying data needs specific to M&E of HIV/STD related programs.

Researcher/research assistant (PhD thesis)

Tulane School of Public Health & Tropical Medicine, New Orleans, LA,
August 2006 –November 2007

Data Analyst/Research Associate

USAID Sponsored Research, International Health Department, Tulane School of Public Health & Tropical Medicine, New Orleans, LA,
June 2006 – December 2006

SELECTED PUBLICATIONS

- **Kheirallah KA**, Al-Mistarehi A-H, Alsawalha L, et al. Prioritizing zoonotic diseases utilizing the One Health approach: Jordan's experience. *One Heal* 2021;13:100262. doi: <https://doi.org/10.1016/j.onehlt.2021.100262>.
- **Kheirallah KA**, Alzoubi A, Alsawalha L, Elkholy A, Abubakar A, Hayajneh W, Obeidat N. Utilizing Pandemic Influenza Preparedness and Response Assessment to Reflect on COVID-19: a case study from Jordan. (Under Review).
- Khasawneh, A. I., Humeidan, A. A., Alsulaiman, J. W., Bloukh, S., Ramadan, M., Al-Shatanawi, T. N., Awad, H. H., Hijazi, W. Y., Al-Kammash, K. R., Obeidat, N., Saleh, T., & **Kheirallah, K. A.** (2020). Medical Students and COVID-19: Knowledge, Attitudes, and Precautionary Measures. A Descriptive Study from Jordan. *Frontiers in Public Health*, 8(May), 1–9.
- Ramadan, M., Hasan, Z., Saleh, T., Jaradat, M., Al-hazaimah, M., Bani Hani, O., Al-Tammemi, A. B., Shorman, E., Al-Mistarehi, A. H., & **Kheirallah, K.** (2021). Beyond knowledge: Evaluating the practices and precautionary measures towards COVID-19 amongst medical doctors in Jordan. *International Journal of Clinical Practice*, 75(6), 1–11. <https://doi.org/10.1111/ijcp.14122>.
- **KA Kheirallah**, B Alsinglawi, A Alzoubi, MN Saidan, O Mubin, MS Alorjani. The effect of strict state measures on the epidemiologic curve of COVID-19 infection in the context of a developing country: a simulation from Jordan. *International journal of environmental research and public health*. 2020: 17 (18), 6530

- A Alzoubi, H Kanaan, D Alhazaimeh, S Gharaibeh, TL Mukattash, **Khalid Kheirallah**. Knowledge, attitude, future expectations and perceived barriers of medical students and physicians regarding pharmacogenomics in Jordan. *International Journal of Clinical Practice* 75 (1), e13658
- AH Khassawneh, N Alrabadi, AH Al-Mistarehi, N Obeidat, **KA Kheirallah**. The role of non-state actors in combating COVID-19 spread in Northern Jordan. *Annals of Medicine and Surgery*. 2020 Dec; 60: 484–486.
- L Elsalem, N Al-Azzam, AA Jum'ah, N Obeidat, AM Sindiani, **Khalid A. Kheirallah**. Stress and behavioral changes with remote E-exams during the Covid-19 pandemic: A cross-sectional study among undergraduates of medical sciences. *Annals of Medicine and Surgery* 60, 271-279.
- W Khasawneh, **K Kheirallah**, M Mazin, S Abdulnabi. Knowledge, attitude, motivation and planning of breastfeeding: a cross-sectional study among Jordanian women. *International Breastfeeding Journal*. 2020: 15 (1), 1-9
- AH Khassawneh, A Alzoubi, AG Khasawneh, N Abdo, D Abu-Naser, **Khalid A. Kheirallah**. The relationship between depression and metabolic control parameters in type 2 diabetic patients: A cross-sectional and feasibility interventional study. *International Journal of Clinical Practice*, 2020. e13777.
- MW Darawad, M Rezk-Hanna, M Alhussami, J Lee, A Mostafa, **Khalid Kheirallah**. Poly-Tobacco Use among Young Adult Waterpipe Smokers: Insights from University Students in Three Eastern Mediterranean Countries. *Substance Use & Misuse* 55 (13), 2099-2108.
- Could “trained immunity” be induced by live attenuated vaccines protect against COVID-19? Review of available evidence. JW Alsulaiman, AI Khasawneh, **KA Kheirallah**. *The Journal of Infection in Developing Countries*. 2020: 14 (09), 957-962.
- Kliewer W, **Kheirallah KA**, Cobb CO, Alsulaiman JW, Mzayek F, Jaddou H. Trauma exposure and post-traumatic stress symptoms among Syrian refugee youth in Jordan: Social support and gender as moderators. *Int J Psychol*. 2020; [10.1002/ijop.12695](https://doi.org/10.1002/ijop.12695)
- **Kheirallah KA**, Cobb CO, Alsulaiman JW, et al. Trauma exposure, mental health and tobacco use among vulnerable Syrian refugee youth in Jordan. *J Public Health (Oxf)*. 2020;42(3):e343-e351. [10.1093/pubmed/fdz128](https://doi.org/10.1093/pubmed/fdz128)
- Awidi, A., Abbasi, S., Alrabi, K., **Kheirallah, K. A.** (2017). Generic Imatinib Therapy Among Jordanians: An Observational Assessment of Efficacy and Safety in Routine Clinical Practice. *Clin Lymphoma Myeloma Leuk*, 17(12), e55-e61. [DOI: 10.1016/j.clml.2017.08.001](https://doi.org/10.1016/j.clml.2017.08.001)
- Salloum, R. G., Abu-Rmeileh, N., Hamadeh, R., Thomas, J., Mostafa, A., Yusufali, A., **Kheirallah, K.,** . Nakkash, R. (2017). Policy-Relevant Context of Waterpipe Tobacco Smoking among University Students in Six Countries Across the Eastern Mediterranean Region: A Qualitative Study. *Asian Pac J Cancer Prev*, 18(9), 2533-2540. [DOI:10.22034/APJCP.2017.18.9.2533](https://doi.org/10.22034/APJCP.2017.18.9.2533)
- **Kheirallah, K. A.**, Alsulaiman, J. W., Mohammad, H. A., Alzyoud, S., Veeranki, S. P., & Ward, K. D. (2016). Waterpipe Tobacco Smoking among Arab Youth; a Cross-Country Study. *Ethnicity and Disease*, 26(1), 107-112. [doi: 10.18865/ed.26.1.107](https://doi.org/10.18865/ed.26.1.107)
- **Kheirallah, K. A.**, Veeranki, S. P., Alzyoud, S., Alzoubi, A., Walker, L., Khader, Y., Ward, K. D. (2016). Collision of waterpipe and cigarette smoking epidemics among youth in Arab countries. *Journal of Substance Use*, 1-7. [doi: 10.3109/14659891.2015.1082159](https://doi.org/10.3109/14659891.2015.1082159).
- **Kheirallah KA**, Liswi M, Alazab R, Bataineh Z, Alzyoud S, Alsulaiman J, Jaddou H (2015) Hypertension Prevalence, Awareness and Control Levels among Ghawarna: An African-Descendant Ethnic Minority in the Jordan Valley. *Eth & Dis*, 25 (3), 321-328.([doi: 10.18865/ed.25.3.321](https://doi.org/10.18865/ed.25.3.321)).
- **Kheirallah KA.**, Alzyoud S, Ward, K. D. (2015). Waterpipe Use and Cognitive Susceptibility to Cigarette Smoking Among Never-Cigarette Smoking Jordanian Youth: Analysis of the 2009 Global Youth Tobacco Survey. *Nicotine & Tobacco Research*, 17(3), 280-284. [doi: 10.1093/ntr/ntu140](https://doi.org/10.1093/ntr/ntu140)
- Veeranki, S. P., Alzyoud, S., Dierking, L., **Kheriallah, K.**, Mzayek, F., Pbert, L., & Ward, K. D. (2015). Associations of adolescents' cigarette, waterpipe and dual tobacco use with parental tobacco use. *Nicotine & Tobacco Research*. [doi: 10.1093/ntr/ntv224](https://doi.org/10.1093/ntr/ntv224)

- Alzyoud, S., **Kheirallah, K. A.**, Ward, K. D., Al-Shdayfat, N. M., Alzyoud, A. A. (2015). Association of Religious Commitment and Tobacco Use Among Muslim Adolescents. *Journal of Religion & Health*, 54(6), 2111-2121. [doi: 10.1007/s10943-014-9921-4](https://doi.org/10.1007/s10943-014-9921-4)
- Alzyoud, S, Veeranki SP, **Kheirallah KA**, Shotar, A. M., & Pbert, L. (2016) Validation of the Arabic version of Modified Fagerstrom Tolerance Questionnaire among school-going adolescent waterpipe users. *Global Journal of Health Science*, 8(2), 198-208. [doi: 10.5539/gjhs.v8n2p198](https://doi.org/10.5539/gjhs.v8n2p198).
- Veeranki SP, Alzyoud S, **Kheirallah KA**, Pbert L (2015). Association of waterpipe use with susceptibility to cigarette smoking among never cigarette smoking youth. *American Journal of Preventive Medicine*, 49(4), 502-511. <http://dx.doi.org/10.1016/j.amepre.2015.03.035>
- Alzyoud S, Haddad L, El Shahawy O, **Kheirallah K**, Alhawamdeh K. (2014). Patterns of Waterpipe Use among Arab Immigrants in the USA: A Pilot Study. *British Journal of Medicine and Medical Research*. 2014 4(3): 01-15. [doi : 10.9734/BJMMR/2014/6220](https://doi.org/10.9734/BJMMR/2014/6220)
- Alzyoud S, **Kheirallah KA**, Weglicki LS, Ward KD, Al-Khawaldeh A, Shotar A. (2014). Tobacco smoking status and perception of health among a sample of Jordanian students. *International Journal of Environmental Research and Public Health*, 11(7), 7022-7035. [doi: 10.3390/ijerph110707022](https://doi.org/10.3390/ijerph110707022)
- Alzyoud S, Weglicki LS, **Kheirallah KA**, Haddad L, Alhawamdeh KA. (2013). Waterpipe smoking among middle and high school Jordanian students: patterns and predictors. *International Journal of Environmental Research and Public Health*, 10(12), 7068-7082. [doi: 10.3390/ijerph10127068](https://doi.org/10.3390/ijerph10127068).
- El-Heis MA, Al-Kamil EA, **Kheirallah, KA**, Al-Shatnawi TN, Gharaibia, M, Al-Mnayyis A. (2013). Factors associated with osteoporosis among a sample of Jordanian women referred for investigation for osteoporosis. *Eastern Mediterranean Health Journal*. 19(5), 459-464.
- **Kheirallah, KA**. Epidemiology of tobacco use among Jordanian youth; Psychosocial determinants. Ph.D. dissertation, Tulane University, United States -- Louisiana. (2010). *Dissertations & Theses @ Tulane University*. (Publication No. AAT 3388671).

RESEARCH PROPOSALS

Ongoing

Mental Health and COVID-19; a time series analysis.

Jordan University of Science and Technology

Role: PI.

COVID-19 vaccine hesitancy; mixed methods approach.

Jordan University of Science and Technology

Role: local PI.

Vaccination Coverage in Jordan; Psychosocial Determinant for Effective Interventions.

Jordan University of Science and Technology.

Role: PI.

Evaluating Jordan's Preparedness and Response to Influenza Pandemic Using CDC Tools.

Jordan University of Science and Technology-WHO

Role: PI.

Prioritizing Zoonotic Diseases in Jordan; Collaborative Efforts of the Ministries of Health, Agriculture, and Environment.

Jordan University of Science and Technology.

Role: PI

Waterpipe Tobacco Smoking among University Students: Testing Policy and Prevention Tools using a Discrete Choice Experiment.

International Development Research Centre (Canada) via American University of Beirut (Lebanon)

Role: Site PI (Jordan)

School Based Waterpipe Smoking Cessation Intervention Program among Jordanian adolescents

Role: Co-Investigator

International Development Research Centre (Canada) via American University of Beirut (Lebanon)

Role: Site PI (Jordan)

Closed

Testing the Effect of a Pilot Internet-Based Tobacco Counseling and Treatment Training on the Knowledge, Attitude, and Practice of Medical Students at JUST

Florida International University/NIH sub-grant

Role: Site PI

Hypertension Prevalence, Awareness, and BP Control Levels among Afro-Jordanian Minority in the Dead Sea Area.

Research Faculty at Jordan University of Science and Technology.

Role: PI

Tobacco Use Status among Military Personnel in the Jordanian Armed Forces; Patterns and Predictors.

Research Faculty at Jordan University of Science and Technology.

Role