

Mohammad Alsadi Curriculum Vitae



Personal Particulars

Name: Mohammad Rafe Ahmad Alsadi, PhD

Date of birth: December 2nd, 1982.

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Earned the reputation for being bright, talented, humble, and a hard worker with 20 years of total experience in the fields of nursing, critical care, health informatics, statistics, research, EMR implementation, health analytics, data science, and healthcare management in Jordan, Saudi Arabia, Canada, and Sweden.

Main Career Goal

To be an expert and a professor in the fields of nursing, healthcare management, community health, critical care, and bio-informatics at a reputable academic institution.

Academic Preparation

1. August 2020: **PhD** in nursing informatics from the Faculty of Graduate Studies, the University of Jordan, Amman, Jordan. Dissertation topic, **Health Informatics**. Cumulative **GPA 4.00/4.00**.

Dissertation Title

“Electronic Health Records Implementation Readiness among Nurses in Jordan: Impact on Adoption through Benefits Realization”.

2. October 2013-August, 2015: **Master** degree in Nursing/ Critical Care/ **Thesis Track**, Faculty of Graduate Studies, The University of Jordan, Amman, Jordan. Thesis topic **“Health Informatics”**. **GPA: 3.98/4.00**.

Thesis Title

“Factors affecting Electronic Health Records (EHR) usage satisfaction among nurses in Jordan”.

3. Oct 2000- June, 2004: The **Bachelor of Science in Nursing**. The University of Jordan. GPA **3.97/4.00** as the **highest** average on my level (155 students), and the highest in the whole university as well (4500 students) for the year 2004.
4. During the **fourth year** of my B.Sc. degree, an **exchange student** at the faculty of nursing, **University of Boras, Sweden**, for a full semester, passing several theoretical and clinical courses.
5. 1988-2000: The primary & the secondary school. The secondary school mark is **93.3%** marking the 98.3th Percentile in the scientific branch, according to the Jordanian system and the rules of the Ministry of Education.

Main Interests

1. Healthcare Information Systems.
2. Healthcare Management/Informatics/Health Analytics/ Data Science.
3. Business Intelligence and Machine Learning.
4. EMR implementation.
5. Quantitative Research Methods.
6. Statistics.
7. Critical care and community health.

Related Professional Experience

1. **Current Job: Since July 9, 2023-present: Assistant Professor** at the Faculty of Nursing, Aljouf University, Sakaka, Saudi Arabia. Teaching different courses in adult and critical care nursing, healthcare management, informatics, financial management, and statistics.
2. **Oct 18, 2020-July 8, 2023: Assistant Professor/Head of Department** at Zarqa University, Faculty of nursing. Teaching different courses in adult and critical care nursing, healthcare management, informatics, financial management and statistics at Bachelor and Master's degree levels. And holding the position of **Head of Nursing Department/Faculty of Nursing/ Zarqa University**.
3. **Nov 1, 2018-Oct 18, 2020:** Senior Clinical Information Systems Analyst, Information Technology (IT) department, Al-Abdali Clemenceau Hospital, Amman, Jordan.
4. **Oct 22, 2013-Oct 5, 2018:** Health Analytics Team Lead at Electronic Health Solutions (EHS), Amman, Jordan. EHS is a not-for-profit organization that is implementing Hakeem[®] EHR system at the national level in Jordan.
5. **2008-2012:** Working as a self-employed contractor for multiple disciplines including ICU and community nursing in **Canada**.
6. **2006- 2008:** ICU nurse at King Faisal Specialist Hospital and Research Center (KFSHRC), Jeddah, Kingdom of Saudi Arabia. EHR system (Cerner) was implemented and used during my work.
7. **2004 –2006:** Teaching and Research Assistant/Clinical Instructor at The University of Jordan, Faculty of Nursing, Amman, Jordan.

Courses taught at the bachelor's degree in nursing level:

1. Bio-Statistics.
2. Research Methods.
3. Pathophysiology.
4. Healthcare Management.
5. Health Informatics.
6. Ethics and Trends in Nursing.
7. Adult Health Care Nursing.
8. Critical Care Nursing.

Courses taught at the master's degree level:

1. Healthcare management.
2. Financial management in healthcare organizations.
3. Healthcare information systems -Health Informatics.
4. Healthcare policies.
5. Biostatistics.

In addition to supervising master's degree students' theses and as committee member in the discussions of proposals and final theses defense.

Professional Memberships

1. **July, 2004-Present:** Jordan Nurses and Midwives Council Registration Number: 8946.
2. **Oct, 2021-2023:** Assistant Dean of Nursing for quality management and head of quality committee at faculty of nursing Zarqa University, Jordan.
3. **2013-2016:** American Heart Association BLS instructor.
4. **Oct18, 2020-2021:** Member of Zarqa University Council representing the faculty of nursing, Zarqa, Jordan.
5. **Oct,2021-2022:** Head of "Quality Committee" at Faculty of Nursing, Zarqa University, Jordan.
6. **Oct, 2021-2023:** Member of the executive board for "Zarqa University Business Incubator".
7. Sep, 2004-Jan, 2006: Scientific research committee at school of nursing, The University of Jordan, Amman, Jordan.
8. HCAC instructor: Information management course.
9. JNC committee for nursing informatics specialty.
10. AHA instructor for BLS and ACLS.

Honors and Awards

1. EHS excellence award for 2015 for activating and installing new features at the Electronic Health Records system "Hakeem[®]".
2. I was appointed as a member at the University of Jordan students' council as a representative of the faculty of Nursing for two academic years from October, 2002 to May, 2004.
3. "The ministry of high education and scientific research" scholarship; as I have the highest average in the faculty of nursing, University of Jordan from 2001 to 2004.
4. I met the criteria to put my name in the honorary list in the faculty of nursing; also, I met the criteria to put my name in the honorary list in the university administration records.
5. I have been selected to take "Dr. Jehad Halabi Prize" and "The University of Jordan Prize" in the graduation ceremonies.
6. The "Badge for Excellence" in Nursing from the Jordanian Nurses Council (JNC); under the patronage of HRH Princess Muna Al-Hussein, the chief of JNC, Amman, Jordan. Aug 12, 2004.

Selected workshops, courses, training programs and certificates

1. **ISH Med EMR consultant:** training course in Dubai, UAE. February, 2019.
2. **Clinical coding course:** Certified by EHS. Targeted to get oriented to standardized coding systems in health care, ICD, CPT, SNOWMED, HCPCS, LOINC, ICCD, NIC, NOC...etc.
3. BLS (Basic Life Support) certified by Saudi heart association in affiliation with the American Heart Association (**AHA**).
4. BLS **instructor** with the American Heart association 2013-2016
5. PALS provider (Pediatric Advanced Life Support) by Saudi heart association in affiliation with the American Heart Association (**AHA**).
6. ACLS provider (Advanced Cardiac Life Support) from the American Heart Association (**AHA**).
7. VAD (Vascular Access Devices) course: Two days training program in the managing of the different types of VAD certified by King Hussein cancer center.
8. **Chemotherapy course:** Two days training programs about dealing with spills, administration, safe handling of the chemotherapeutic agents in addition to the theoretical knowledge.
9. **Data analysis by SPSS** "Statistical Package for Social Sciences": Three weeks, 45 hours, training program which contain both the theoretical background and practical experiences about data entry & analysis using the SPSS. Certified by the University of Jordan /center for consultation, technical services and studies.
10. Attended a workshop in Clinical Training Skills for Nursing Preceptors held at Faculty of Nursing / The University of Jordan, Amman, Jordan. Feb9th, 2005.
11. Participating as a presenter or a participant in many conferences and scientific days at the national and international levels in Jordan.

Scientific Research Databases Accounts:

Link to WoS Account:

- <https://www.webofscience.com/wos/author/record/49123277>

Link to Scopus Account

- <https://www.scopus.com/authid/detail.uri?authorId=57205129928>

Link to ORCID account

- <https://orcid.org/0000-0001-7383-1938>

Link to Google Scholar Account:

- <https://scholar.google.com/citations?user=opb5V5sAAAAJ&hl=en>

Publications List

1. Ahmad, M., Al-Ananbeh, E., Khrais, H., Atoum, M., Al-Rimawi, R., Alsadi, M., & Alzaatreh, M. (2018). THE STATUS OF STATISTICAL ASSUMPTIONS IN PUBLISHED NURSING RESEARCH. TPM: Testing, Psychometrics, Methodology in Applied Psychology, 25(4).
2. Alsadi, M., & Saleh, A. (2019). Electronic health records implementation readiness: an integrative review. Open Journal of Nursing, 9(2), 152-162.
3. Khrais, H., & Alsadi, M. (2021). Traits of transformational leaders in nursing: emotional intelligence counts? British Journal of Healthcare Management, 27(12), 1-6.
4. Alzaatreh, M., Al-Maraira, O. A., Tabar, N. A., Alsadi, M. R., Khrais, H., Abunab, H. Y., ... & Khalil, M. (2021). Integrating evidence-based interventions in clinical

- settings in Jordan: a policy brief. *F1000Research*, 10.
5. Alzaatreh, M., Almararireh, O., Khrais, H., Alsadi, M., Abukamil, H., & Bottcher, B. (2022). The perceived threat of COVID-19 and its impact on hygienic precautionary behaviors: A multi-countries study. DOI:10.1111/phn.13060. *Public Health Nursing*, 2022, 1-10.
 6. Alsadi, M., Saleh, A., Khalil, M., & Aloweidat, I. (2022). Readiness-Based Implementation of Electronic Health Records: A Survey of Jordanian Nurses. *Creative Nursing*: 28 (1).
 7. Khalil, M., Tabar, N. A., Alsadi, M., Khrais, H., Oweidat, I., Hamaideh, S. H., & Hamdan-Mansour, A. M. (2022). Factors Associated with Substance Use Disorder: Male Adolescents' Lived Experience. *International Journal of Mental Health and Addiction*, 1-18.
 8. Khrais, H., Alsadi, M., Oweidat, I., & Ahmad, M. (2023). Determinants of missed nursing care in Jordanian hospitals during COVID-19 pandemic. *Nursing Open*, 10(3), 1565-1573.
 9. Alzaatreh, M. Y., Alsadi, M. R., Alkhsealat, Y., Alhemedi, M., & Alrabab'a, M. H. (2022). Pre-hospital rapid sequence induction by paramedics: A scoping review. *Journal of Emergency Medicine, Trauma & Acute Care*, 2022(5), 40.
 10. Toqan, D., Ayed, A., Khalaf, I. A., & Alsadi, M. (2023). Effect of High-Fidelity Simulation on Self-Satisfaction and Self-Confidence Among Nursing Students. *SAGE Open Nursing*, 9, 23779608231194403.
 11. Alsadi, M., Oweidat, I., Khrais, H. et al. Satisfaction and self-confidence among nursing students with simulation learning during COVID-19. *BMC Nurs* 22, 327 (2023). <https://doi.org/10.1186/s12912-023-01489-1>.
 12. Alraei, W. Y., Aljaraedah, T. Y., El-Qudah, J. M., Abu-Harirah, H. A., Rahahleh, R. J., & Alsadi, M. R. (2023). Assessment of Food Safety, Knowledge and Practices among Students and Staff at Zarqa University, Jordan. *Tropical Journal of Natural Product Research*, 7(5).
 13. Atiyeh, H. M., Nabolsi, M. M., Akhu-Zaheya, L. M., Khrais, H., Alsadi, M., & Nashwan, A. J. (2023). Evaluation of a nursing doctoral program from the perspective of Students, Alumni, and Faculty: A Quality-Oriented approach. *International Journal of Africa Nursing Sciences*, 19, 100622.
 14. Alzaatreh, M. Y., Khrais, H., Alsadi, M. R., & Al-Maraira, O. A. (2024). Compliance to personal hygiene habits in response to COVID-19 pandemic. *Journal of Emergency Management*, 22(1), 101-107.
 15. Alost, M. R., Oweidat, I., Alsadi, M., Alsaraireh, M. M., Oleimat, B., & Othman, E. H. (2024). Predictors and disturbances of sleep quality between men and women: results from a cross-sectional study in Jordan. *BMC psychiatry*, 24(1), 1-8.
 16. Alost, M. R., Alsadi, M., Othman, E. H., Khalifeh, A. H., & Atiyeh, H. (2024). Factors influencing Jordanian parents' COVID-19 vaccination decision for children: A cross-sectional study. *Journal of Pediatric Nursing*, 77, 45-52.

Conference papers:

1. Abuerwak, F. M., Alsadi, M., Alost, M. R., Alnayef, N. M., Batiha, A. M., & Albashtawy, M. (2023, October). Critical Care Nurses' Research Utilization and Competence Levels. In *Second International Nursing Conference "Nursing Profession in the Current Era" (INC 2023)* (pp. 3-16). Atlantis Press.

2. Alsadi, M., Musleh, G., Eshah, N., Hani, M. B., & Albashtawy, M. (2023, October). The Impact of Nurse-Physician Collaboration on Critical Care Nurses' Autonomy. In *Second International Nursing Conference" Nursing Profession in the Current Era"(INC 2023)* (pp. 265-277). Atlantis Press.
3. Mkhaimer, T., Alblowe, B., Eshah, N. F., & Alsadi, M. (2023, September). The Consequences of Employing Electronic Health Records in Daily Nursing Practice: An Integrative Literature Review. In *Proceedings of the Second International Nursing Conference" Nursing Profession in the Current Era"(INC 2023)* (Vol. 67, p. 214). Springer Nature.

Poster presentations

1. Abstract Presentation and Poster Presentation at the 31 Annual Congress of American Urological Association (AUA) held in San Diego, California, USA. May6-10, 2016. http://www.aua2016.org/abstracts/files/presenter_AbuGhoshZeid-Amman-Jordan.cfm
MP26-04: Over the counter antibiotics? Effects on Escherichia Coli incidence and resistance in uncomplicated urinary tract infections in Jordan
Zeid AbuGhosh*, Mohammad Alsadi, Fares Ayoub, Montaser Alhakim, Tala Alnawaji, Amman, Jordan.
2. Abstract Presentation and Poster Presentation at EAU congress March11-15, 2016 Munich, Germany. <http://eaumunich2016.uroweb.org/resource-centre/results/?search=abughosh>
256: Use of a novel electronic health records reporting tool to assess the most common bacterial strains in urine cultures in Jordan and their resistance to common antibiotics: A population based study
Abughosh Z.M., Alsadi M.R., Ayoub F., Alhakim M., Alnawaji T.

Reviewer for the following Scientific Journals:

1. Journal of Nursing Management: ISI/WoS and Q1 Scopus indexed Journal.
2. American Journal of Public Health: ISI/WoS and Q1 Scopus indexed Journal.
3. Clinical Nursing Research: ISI/WoS and Q1 Scopus indexed Journal.
4. BMC Medical Informatics and Decision Making. ISI/WoS Indexed Journal.
5. BMC Nursing. ISI/WoS Indexed Journal.
6. Health Informatics Journal. ISI/WoS Indexed Journal.
7. SAGE Open Nursing. ISI/WoS Indexed Journal.
8. Nurse Education in Practice ISI/WoS and Q1 Scopus indexed Journal.
9. Journal of Research in Nursing. ISI/WoS Indexed Journal

Referees: Available upon request