

## CURRICULUM VITAE

### Personal Background

**First Name:** Afsaneh

**Family Name:** Karimi

**Nationality:** Iranian

**Marital Status:** Married

#### Address

Health Information Technology Department, Zahedan University of Medical Sciences (ZAUMS), Dr. Hesabi Squar, Zahedan, Iran.

**Post Code:** 9816743463

**Tel & Fax:** +98 54 33295799

**Email:** [afsanehkarimi2014@gmail.com](mailto:afsanehkarimi2014@gmail.com)



### Educational and Professional Background

2013- 2018     PhD in Health Information Management, Iran University of Medical Sciences, Tehran, Iran.

2003-2006     MSc in Medical Records Education, Iran University of Medical Sciences, Tehran, Iran.

1998-2000     BSc in Medical Records, Iran University of Medical Sciences, Tehran, Iran.

1995-1997     Paramedical Associate Degree in Medical Records, Isfahan, Iran.

### Positions and Responsibilities

2023-current     Vice Dean for Educational Affairs, Paramedical School, ZAUMS, Zahedan, Iran.

2023- current     Member of Research Council of ZAUMS

2020- current     Editorial Board of Applied Health Information Technology Journal, School of Public Health, Shahid Sadoughi University of Medical Sciences

2020- current     Head of Department of Health Information Technology, Paramedical School, ZAUMS

2019- 2022	Member of Infectious Diseases and Tropical Medicine Research Center, ZAUMS, Zahedan, Iran.
2019- current	Member of Pregnancy Health Research Center, ZAUMS, Zahedan, Iran.
2018-2019	Member of Virtual Education Committee of EDC, ZAUMS, Zahedan, Iran.
2016- 2020	Head of EDO, Paramedical School, ZAUMS, Zahedan, Iran.
2011- current	Advisor Teacher to Health Information Technology Students, paramedical School, ZAUMS, Zahedan, Iran.
2011- 2013	Head of Health Information Technology Department, Paramedical School, ZAUMS, Zahedan, Iran.
2007- 2011	Head of Student Research Committee, Paramedical School, ZAUMS, Zahedan, Iran.
2010-2011	Member of the Scientific Committee of Third Olympiad in Health System Management Field. ZAUMS, Zahedan, Iran.
2009- 2010	Member of Educational Planning Committee, Paramedical School, ZAUMS, Zahedan, Iran.
2009- 2010	Member of Research in Education Committee of EDC, ZAUMS, Zahedan, Iran.
2006-current	Member of Research Council, Paramedical School, ZAUMS, Zahedan, Iran.
2006- current	Faculty, Paramedical School, Health Information Technology Department, ZAUMS, Zahedan, Iran.
2004- 2005	Head of Medical Record Department of Shahid-Beheshti Hospital, Isfahan, Iran.
2001-2003	Statistics and Medical Informatics Management Department, Isfahan University of Medical Sciences, Isfahan, Iran.
1998- 1999	Statistics and Medical Informatics Management Department, Isfahan University of Medical Sciences, Isfahan, Iran.

## Published Articles in International Journals

1. Alipour J, Mehdipour Y, **Karimi A\***, Khorashadizadeh M, Akbarpour M. Security, confidentiality, privacy and patient safety in the hospital information systems from the users' perspective: A cross-sectional study. *International Journal of Medical Informatics*. 2023; 174: 105066
2. Alipour J, **Karimi A**, Miri-Aliabad G, Baloochzahei-Shahbakhsh F, Payandeh A, Sharifian R. Quality of death certificates completion for COVID-19 cases in the southeast of Iran: A cross-sectional study. *Health Science Reports*. 2022 Sep;5(5): e802.
3. Alipour J, **Karimi A**, Hayavi Haghighi MH, Hosseini Teshnizi S, Mehdipour Y. Death certificate errors in three teaching hospitals of Zahedan, southeast of Iran. *Death studies*. 2022 May 28;46(5):1157-65.
4. Aliabadi A, Farsadhabibi H, **Karimi A**. Challenges of Pharmacy Information System in Iran: A Systematic Literature Review. *Applied Health Information Technology* 2022; 3(1): 39-46.
5. Alipour J, Mehdipour Y, **Karimi A**, Sharifian R. Affecting factors of cloud computing adoption in public hospitals affiliated with Zahedan University of Medical Sciences: A cross-sectional study in the Southeast of Iran. *Digital Health*. 2021 Aug; 7: 1-8.
6. Alipour J, Farsadhabibi H, **Karimi A\***. Media and Information Literacy among Postgraduate students. *Applied Health Information Technology* 2021; 2(1): 2-10.
7. Alipour J, Farsadhabibi H, **Karimi A\***. Knowledge and Attitudes of Dentistry Students Toward Teledentistry. *Applied Health Information Technology* 2020; 1(1): 11-18.
8. Alipour J, **Karimi A**, Hayavi Haghighi MH, Teshnizi SH, Mehdipour Y. Death certificate errors in three teaching hospitals of Zahedan, southeast of Iran. *Death Studies* 2020.
9. Sadoughi F, Majdzadeh R, **Karimi A\***. Proposing a Model for the Evaluation of the Iranian Maternal Mortality Surveillance System. *International Journal of Women's Health and Reproduction Sciences*. (in press).
10. Alipour J, Mehdipour Y. **Karimi A\***. Epidemiology and outcome analysis of 3030 burn patients with an ICD-10 approach. *Annals of Burns and Fire Disasters* 2020; 31(1): 3-13.

11. Alipour J, Mehdipour Y, **Karimi A\***. Factors Affecting Acceptance of Hospital Information Systems in Public Hospitals of Zahedan University of Medical Sciences: A Cross-Sectional Study. *Journal of Medicine and Life* 2019; 12(4): 403-10.
12. **Karimi A**, Sadoughi F\*, Majdzadeh R. Essential Revisions in the Maternal Mortality Surveillance System: Lessons Learned from a Qualitative Study. *Acta Medica Mediterranea*. 2018, *Medica*4 (34): 1111-19.
13. Sadoughi F, **Karimi A\***, Erfannia L. Information Management in Iranian Maternal Mortality Surveillance System. *Electronic Physician*. 2017; 9(7): 4914-23.
14. Alipour J, **Karimi A**, Ebrahimi S, Mehdipour Y\*. Success or Failure of Hospital Information Systems of Public Hospitals Affiliated with Zahedan University of Medical Sciences: A Cross Sectional Study in the Southeast of Iran. *International Journal of Medical Informatics*. 2017; 108(2017): 49-54.
15. Sadoughi F, Karami M, Mousavi GA, **Karimi A\***. The Effect of Information Technology on Healthcare Improvement from Clinicians' Perspective. *Global Journal of Health Science* 2017; 9 (3): 128-37.
16. Erfannia L, Mehdipour Y, **Karimi A\***, Zarei, Mehrabi N. Nursing Information System in Hospitals of Zahedan city, Iran. *Annals of Military & Health Sciences Research* 2015; 13 (2): 72-5.
17. Alipour J, Erfannia L\*, **Karimi A**, Aliabadi A. Electronic Health Record Acceptance: A Descriptive Study in Zahedan, Southeast Iran. *J Health Med Inform* 2013; 4 (2): 120. doi:10.4172/2157-7420.1000120.

### Published Articles in National Journals

1. **Karimi A**, Mehdipour Y, Ebrahimi S, Alipour J\*. The Status of an Ophthalmology Hospital in Zahedan, Iran in Attracting Medical Tourists. *Journal of Modern Medical Information Sciences*. 2022; 8(3):258-69.
2. **Karimi A**, Shahbakhsh F, Nourouzi-Cheгани S, **Alipour J\***. Causes of maternal mortalities in hospitals affiliated to Zahedan University of Medical Sciences with an approach to ICD-MM. *The Iranian Journal of Obstetrics, Gynecology and Infertility*; Available Online from 31 October 2020.

3. **Karimi A**, Mehdipour Y, Mohammadpour A\*, Heidari-Dalir A, Bouraghi H. Epidemiological Study of Injured Persons in Traffic Accidents Who Referred to KHATAM-ALANBIA Hospital in ZAHEDAN. *Sadra Med Sci J* 2018; 6(3): 185-194.
4. Ebrahimi S\*, Mehdipour Y, **Karimi A**, Khammarnia M, Alipour J. Determinants of Physicians' Technology Acceptance for Mobile Health Services in Healthcare Settings. *Journal of Health Management and Informatics*. 2018; 5(1): 9-15.
5. Mehdipour Y, Ebrahimi S\*, Alipour J, **Karimi A**, Tabatabaei F. Determinants of Physicians' Technology Acceptance for E-Health in Healthcare Setting. *Journal of Health and Biomedical Informatics*. 2016; 3(2): 92-99
6. Mehdipour Y, Ebrahimi S\*, **Karimi A**, Alipour J, Khammarnia M, Siasar F. Presentation a Model for Prediction of Cerebrovascular Accident using Data Mining Algorithm. *Sadra Medical Sciences Journal*. 2016; 4(4): 255-66.
7. **Karimi A\***, Mehdipour Y, Alipoor J, Erfannia L, Miri-Aliabad F, Khajehdad A. Out-Patient Satisfaction from Medical Services at Zahedan Teaching Hospitals. *Zahedan J Res Med Sci. (ZJRMS)* 2012; 13(Suppl. 1): 52.
8. Alipour J, **Karimi A\***, Mehdipour Y, Erfannia L, Hosseini-Teshnizi S, Kord-Tamini O. The Role of Doctors in Successful Installation of Electronic Health Records. *Zahedan J Res Med Sci. (ZJRMS)* 2012; 13(Suppl 1): 18.
9. Alipour J, **Karimi A**, Erfannia L\*, Shahrakipour M, Hayavi Haghighi MH, Kadkhoda A, et al. Reliability of Medical Diagnosis with International Classification of Diseases 10th Version in 2011. *Health Inf Manage* 2013; 10(1): 1-9.
10. **Karimi A\***, Mehdipour Y, Dehghan J, Erfannia L, Alipour J. Patients' Readmission Causes in Teaching Hospitals of Zahedan University of Medical Sciences. *HAKIM Journal* 2013; 16(3): 236-42.
11. Adrom M, **Karimi A\***, Mehdipour Y, Mohammadpour A, Amirtaheri E. The Satisfaction Scale of Expert Masters among Nursing Students. *ZJRMS*; 2012; 14(9): 114.

12. Erfannia L, **Karimi A**, Alipour J\*, Noshiravani Y, Salmany F. Total Quality Management Implementation at Teaching Hospitals Affiliated with Zahedan University of Medical Sciences. Journal of Zabol University of Medical Sciences and Health Services (Journal of Rostamineh) 2012; 4 (1): 9-18.
  
13. **Karimi A\***, Mehdipour Y, Mohammadpour A, Pirozanfar S. Barriers to Research: The Viewpoint of Faculty Members of Zahedan University of Medical Sciences. Health Information Management 2011; 7(4): 474.
  
14. Mohammadpour A\*, **Karimi A**, Mehdipour Y, Saravani M, Forghani M. The Ministry of Health's Care of Patient Standards VS. Joint Commission International Accreditation Standards for Care of Patient. Journal of Medical Council of I.R.I 2011; 29 (2): 121-28.
  
15. Mohammadpour A\*, Mehdipour Y, **Karimi A**, Abdollahi Z. Patients' and Family Rights Standards of the Ministry of Health VS. Joint Commission International Accreditation Standards. Iranian Journal of Medical Ethics and History of Medicine 2010; 3: 42-50.
  
16. Farzandipour M., Haghani H, **Karimi A\***. A Comparison Study on Skills of Information Technology in Medical Record Master Degree Students at Iran Medical Sciences Universities; 2005-2006. 2006; 9(25): 31-36.

## **Papers Presented at International and National Conferences**

### **International conferences**

- 1- 8<sup>th</sup>. International Conference on Reducing Burden of Traffic Accidents: Challenges and Strategies, 30-31 January 2017, Shiraz, Iran.

Epidemiological Study of Injured Persons in Traffic Accidents Who Referred to KHATAM-ALANBIA Hospital in ZAHEDAN (First Author, Oral Presentation).

- 2- First International Congress of Electronic Health, 29-30 November 2012, Tehran, Iran.

The knowledge and Attitude of Faculty Members of Zahedan University of Medical Sciences to Telemedicine. (Third Author, Oral Presentation).

3- First International Congress of Public Health in Malaysia, 27-28 September 2011, Malaysia.

Medical Tourism and Web Base Technology in Iran. (Third author, Oral Presentation).

4- Third International Congress on Medical Law, 21-23 February 2011, Kish, Iran.

The Rate of Respect to the Patients' Right in Hospitals of Zahedan University of Medical Sciences from Inpatients Perspective. (First Author, Poster Presentation).

5- Third International Congress on Medical Law, 21-23 February 2011, Kish, Iran.

Knowledge of Physicians from Patient Bill of Rights in Educational Hospitals of Zahedan University of Medical Sciences. (First Author, Poster Presentation).

6- First International Congress of Forensic Medicine, 25-27 May 2009, Tehran, Iran.

Informed Consent and Improvement Methods. (Third Author, Poster Presentation).

7- First International Congress of Forensic Medicine, 25-27 May 2009, Tehran, Iran

Epidemiological Survey on Accident Patients in Khatam-Al-Anbiae Hospital: Zahedan, 2008. (First Author, Poster Presentation).

8- First International Congress of Forensic Medicine, 25-27 May 2009, Tehran, Iran.

Certificate of a Doctor and Ethicolegal Considerations. (Third Aauthor, Poster Presentation).

9- Forth International Congress of Health, Treatment and Management in Disasters, 14-16 December 2009. Tehran, Iran.

Application of GIS for Healthcare Services. (Third Author, Oral Presentation).

10- Forth International Congress of Health, Treatment and Management in Disasters, 14-16 December 2009. Tehran, Iran.

Risk Management in Healthcare Settings. (Forth author, Oral Presentation).

11- Forth International Congress of Health, Treatment and Management in Disasters, 14-16 December 2009. Tehran, Iran.

Review and Analysis of Crisis Information Management System in Iran. (Second Author, Poster Presentation).

## National conferences

1- Third Conference on Information Technology and Health Promotion. 12 December 2020- Tehran, Iran.

Factors Affecting the Acceptance of Cloud Computing in Hospitals Affiliated with Zahedan University of Medical Sciences: Nurses' Views. (Third Author, Poster Presentation).

2- Third Conference on Information Technology and Health Promotion. 12 December 2020- Tehran, Iran.

Accepting the Approach of Using Personal Mobile Devices to Perform Organizational Tasks from the Perspective of Nurses in Hospitals Affiliated of Zahedan University of Medical Sciences. (Third Author, Oral presentation).

3- The First Conference on Opportunity and Challenges of Smart. 15-16 July 2018- Tehran, Iran.

The Use of Mobile Health by Medical Students of Teaching Hospitals Affiliated with Zahedan University of Medical Sciences. (First Author, Poster Presentation).

4- The Sixth National Congress on Promotion of Health Information Management with a Focus on the Development of Hospital Information Systems: Advances and Opportunities. 21-22 February 2018- Ahvaz, Iran.

Assessing the Knowledge of Users about the Impact of Health Information Technology on Health Promotion (First Author, Poster Presentation).

5- The First National Congress of Health Information Technology and Fifth Annual Congress of Health Information Management: Experiences, Challenges and Approaches. 21-22 September 2016- Tabriz, Iran.

Presentation a Model for Prediction of Cerebrovascular Accident using Data Mining Algorithm (Third Author, Poster Presentation).



- 6- The Fifth National Seminar of Health Promotion Strategies and Challenges (Self Care).  
21-23 October 2014, Sari, Iran.

Design of Remote Monitoring System for Patients with Diabetes Using Mobile Phone  
(Fourth Author, Poster Presentation).

- 7- The Fifth National Seminar of Health Promotion Strategies and Challenges (Self Care).  
21-23 October 2014, Sari, Iran.

Mobile Phone a Powerful Tool for Self-Care (Fourth Author, Poster Presentation).

- 8- National Congress of Health System Management of Primary Health Care. 2-4  
September 2013, Zahedan, Iran.

Mortality Rate of Under Five Years Old Infants in Emam-Ali Hospital of Zahedan University  
of Medical Sciences. (first Author, Oral Presentation).

- 9- National Congress of Health System Management of Primary Health Care. 2-4  
September 2013, Zahedan, Iran.

The Effectiveness of Hospital Information Systems of Zahedan University of Medical  
Sciences. (First Author, Poster Presentation).

- 10- The Fifth National Congress of Addiction (with a Focus on Prevention and Treatment).  
27 February-1 March 2011, Zahedan, Iran.

The Status of Drug Abuse in Students of Zahedan University of Medical Sciences. (First  
Author, Poster Presentation).

- 11- National Conference on Information Technology and Economic Jihad, 21-22 February  
2011, Shiraz, Iran.

Data Elements Assessment of Medical Tourism Websites. (Third Author, Oral Presentation).

- 12- Third National Congress of Infants' Health and Perinatology. 29 June-1 July 2010,  
Zanjan, Iran.

Study of Related Factors with Under One Month and 1-59 Months Infants' Mortality in Chabahar. (First Author, Poster Presentation).

13- First National Congress of Medical Malpractice and Its Challenges, Hormozgan University of Medical Sciences, 24-26 December 2008, Hormozgan, Iran.

Patients' and Family Rights Standards of the Ministry of Health VS. Joint Commission International Accreditation Standards. (Third Author, Poster Presentation).

## Research Projects

- 1- Study of Perception status of patients referring to teaching hospitals of Zahedan University of Medical Sciences regarding electronic prescribing in 2022. **(Colleague)**.
- 2- The status of digital health literacy in diabetic patients of Zahedan University of Medical Sciences in 1401. **(Executor)**.
- 3- The impact of the hospital information system on the processes and performance of employees from the users' point of view in teaching hospitals of Zahedan in 1401. **(Executor)**.
- 4- Analysis of Factors Affecting the Adoption of the Electronic Prescription System from the Nurses' Point of View According to the Localized UTAUT2 Model. 2021. **(Executor)**.
- 5- The use of smart phones by medical students of Zahedan University of Medical Sciences in 1401-1402. **(Executor)**.
- 6- Assessing health system responsiveness for care of patients with COVID\_19 in Sistan & Baluchistan province in 2022 and a systematic review of current evidence in Iran. **(Colleague)**.
- 7- The effect of social networks on the educational performance of students at the Zahedan University of Medical Sciences. 2021. **(Executor)**.
- 8- Study of nurses' knowledge and attitude towards using mobile health applications in teaching hospitals of Zahedan University of Medical Sciences in 2022. **(Colleague)**.
- 9- Rate and causes of death among children aged 1 to 59 months in population covered by Zahedan University of Medical Sciences during 2018-2020 with ICD-10 approach. **(Executor)**.
- 10- security, confidentiality, privacy and patient safety Challenges in the Hospital Information Systems of teaching hospitals affiliated to Zahedan University of Medical Sciences from the users' perspective. 2021 **(Colleague)**.
- 11- Causes of perinatal deaths in hospitals affiliated to Zahedan University of Medical Sciences with an approach to ICD-PM from 2018-2020. **(Executor)**.
- 12- Media and information literacy among Zahedan University of Medical Sciences 2021. **(Executor)**.

- 13- Affecting Factors of Bring Your Device (BYOD) Policy in Educational Hospitals Affiliated to Zahedan University of Medical Sciences from Healthcare Workers Perspective. 2020 **(Colleague)**.
- 14- The Causes of Maternal Mortalities According to ICD-MM in Hospitals Affiliated with Zahedan University of Medical Sciences. 2020 **(Executor)**.
- 15- Factors Affecting the Adoption of Cloud Computing in Teaching Hospitals Affiliated to Zahedan University of Medical Sciences. **2018 (Colleague)**.
- 16- Evaluation of Hospital Information System Acceptance in Public Hospitals of Zahedan University of Medical Sciences. **2018 (Colleague)**.
- 17- Epidemiology, Etiology, Outcomes and Costs of Burn Patients Admitted in Khatam Al Anbiya Hospital Affiliated to Zahedan University of Medical Sciences from 2007 to 2016. **(Colleague)**
- 18- The Possibility of Medical Tourist Attraction in Ophthalmology Hospital of Zahedan. 2016 **(Executor)**
- 19- The Knowledge and Attitude of Health Care Providers Toward Evidence-Based Practice, It's Barriers and Facilitators in Zahedan University of Medical Sciences 2017. **(Executor)**
- 20- Presenting a Model of Patient Satisfaction from Medicine Based on Data Mining Methods in Selected Educational Hospitals of Zahedan University of Medical Sciences. **(Colleague)**
- 21- Survey of Establishment of Total Quality Management in Educational Hospitals of Zahedan University of Medical Sciences in 2011. **(Colleague)**
- 22- Review the Causes Patients Referred to Educational Hospital of Zahedan Medical Sciences 1389. 2010. **(Colleague)**

## Research project review

- 1- Evaluation of the Quality of Completion and Coding of Death Certificates Related to COVID-19 in Zahedan Hospitals. 2020
- 2- Evaluation of Mobile Health Role in Covid-19 Management According Clinical Staff Viewpoint Affiliated to Educational Hospitals in Zahedan University of Medical Sciences. 2020
- 3- Identifying the Factors Affecting the Use of Picture Archiving and Communication System (PACS) Based on Two Models of Technology-Organization-Environment (TOE) and Human Organization Technology Fit (HOT-FIT) in Hospitals Affiliated with Zahedan University of Medical Sciences. 2020.
- 4- Evaluation of the Effect of Vitamin D During Hospitalization and Mortality Rate of Trauma Patients Admitted to the Intensive Care Unit. 2020.
- 5- The Role of the Clinical Librarian in Improving the Clinical Decision-Making Process of Resident Students in Al-Zahra Hospital of Zahedan University of Medical Sciences: Intervention. 2020.

- 6- Assessing the Level of Digital Health Literacy of Health Care Workers of Hospitals Affiliated with Zahedan 1399. 2020.
- 7- The Study of Death Certificate Documentation Quality in Public Hospitals of Zahedan University of Medical Sciences. 2019
- 8- Presentation and Evaluation of the Conceptual Model of the Comprehensive Information Registration System for Patients with Thalassemia at Zahedan University of Medical Sciences. 2018
- 9- Development, Implementation and Evaluation of Eye Injuries Information Management System. 2017
- 10- Acceptance of Storage System and Transfer of Integrated Images with Hospital Information System Among Nurses and Doctors of Selected Hospitals of Zahedan University of Medical Sciences. 2016
- 11- Feasibility Study of Implementation of Computer Registration System Physician's Instructions from the Perspective of Managers in Zahedan Hospitals in 2016
- 12- Feasibility Study of Implementation of CPOE from the Perspective of Managers in Zahedan Hospitals in 2016. 2016

## Books

Health Information Management: A Practical Approach for Health Information Technology Professionals, 2021.

## Chapter in Book

Translation of Chapters 12, 15, 16 in: Kendall KE, Kendall JE. Systems Analysis and Design, 10th Edition, Published by Pearson Education, 2019. (Not Published Yet).

Translation of Chapter 13 (IT Governance and Management) in: Wager KA, Lee FW, Glaser JP. Healthcare Information Systems: A Practical Approach for Health Care Management, Fourth Edition, Published by Jossey-Bass, 2017.

Translation of Index and Chapter one in: Coplan S, Masuda D. Project Management for Healthcare Information Technology, 2011.

## Reviewer in journals

Public Management Researches	2023
Asian Journal of Medical Principles and Clinical Practice	2023
Advances in Research	2023

PLOS ONE	2021
Critical Comments in Biomedicine	2021
Journal of Decision Systems	2020
Applied Health Information Technology	2020- present
Iranian Red Crescent Medical Journal	2020
Journal of Modern Medical Information Sciences (Hormozgan)	2019-present
Journal of Health information Management	2014-2017, 2023-present
Medical Journal of the Islamic Republic of Iran	2016
Health Scope Journal	2019- present

### Research Interests

Hospital Information Systems  
Public Health Surveillance Systems  
Maternal Mortality Surveillance System  
Electronic Health Record  
Data Quality  
Health Data Registries  
Mobile Health  
Evaluation of Health Information Systems  
Media and Information Literacy