Curriculum Vitae

Personal Information

First name: Zahra

Last name: Karbasi

Date of birth: 1992-4-28

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Karbasizahra4@gmail.com

Education

2016-2019

Ph.D: Health Information Management, Tehran University of Medical Sciences (TUMS)

Thesis: Designing and Developing a Monitoring System for the Physical Harm Caused by Child Abuse

Supervisor: Dr. Reza Safdari, Dr. Maliheh Kadivar

Advisor: Dr. Leila Shahmoradi

2014-2016

MSc: Health Information Technology, Kerman University of Medical Sciences (KUMS)

Thesis: Investigating the accuracy of Persian speech recognition system by physicians in real health care environment

Supervisor: Dr. Kambiz Bahaadinbeigy

Advisor: Dr.Leila Ahmadian, Dr.Reza Khajouei, Dr.Moghaddameh Mirzaee

2010-2014

BSc: Health Information Technology, Kerman University of Medical Sciences (KUMS)

Thesis: Survey of computer literacy of HIT students of Kerman University of Medical Sciences in 2013

Supervisor: Dr. Kambiz Bahaadinbeigy

Papers/Journal

1. **Karbasi Z**, Kadivar M, Safdari R, Shahmoradi L, Zahmatkeshan M, Zakerabasali S, et al. Better monitoring of abused children by designing a child abuse surveillance system: Determining national child abuse minimum data set. The International journal of health planning and management. 2020;35(4):843-51.

2. **Karbasi Z**, Bahaadinbeigy K, Ahmadian L, Khajouei R, Mirzaee M. Accuracy of Speech Recognition System's Medical Report and Physicians' Experience in Hospitals. Frontiers in Health Informatics. 2019;8(1):19.

3. **Karbasi Z**, R Niakan Kalhori S. Application and evaluation of virtual technologies for anatomy education to medical students: A review. Medical Journal of The Islamic Republic of Iran (MJIRI). 2020;34(1):1108-24.

4. Zakerabasali S, Safdari R, Kadivar M, Rostam Niakan Kalhori S, Mokhtaran M, **Karbasi Z**, et al. Neonatal abstinence syndrome: a systematic review of current databases and registries. The Journal of Maternal-Fetal & Neonatal Medicine. 2019:1-14.

5. Abhari S, Safdari R, Azadbakht L, Lankarani K, Kalhori SRN, Honarvar B, **Karbasi Z,** et al. A Systematic Review of Nutrition Recommendation Systems: With Focus on Technical Aspects. Journal of biomedical physics & engineering. 2019;9(6):591.

6. Zahmatkeshan M, Farjam M, Mohammadzadeh N, Noori T, **Karbasi Z**, Mahmoudvand Z, et al. Design of infertility monitoring system: Minimum data set approach. Journal of medicine and life. 2019;12(1):56.

7. Khajouei R, **Karbasi Z**, Mirzaee M, Ameri A, Ahmadian L. The use of online health related information by medical students and their trust in the retrieved information. Researchsquare. 2019.

8. Zakerabasali S, Kadivar M, Safdari R, Niakan Kalhori SR, Mokhtaran M, **Karbasi Z**, et al. Development and validation of the Neonatal Abstinence Syndrome Minimum Data Set (NAS-MDS): a systematic review, focus group discussion, and Delphi technique. The Journal of Maternal-Fetal & Neonatal Medicine. 2020:1-8.

9. Zahmatkeshan M, Yazdani A, **Karbasi Z**, Afifian M, Seraji M, Gholampour Y. The use of M-Health interventions for gestational diabetes mellitus: A descriptive literature review. Authorea Preprints. 2020.

Papers/ Conference

1. **Karbasi Z**, Abhari S, Gohari S, R Niakan Kalhori S. Effectiveness of Virtual Reality Technology Application in Medical Education: A Review of Evidences. Acta Health Medica. 2017;2(1):125-. "First internal congress of Medical Informatics"
2. Gohari S**, Karbasi Z**, R Niakan Kalhori S. Chat Bots Application and Efficiency for Patient Self-Management Support. Acta Health Medica. 2017;2(1):117-   "First internal congress of Medical Informatics"
3. Gohari S**, Karbasi Z**, R Niakan Kalhori S. Using Virtual Reality Technology to Support Mental Disorder Affected Patients. Acta Health Medica. 2017;2(1):142-. "First internal congress of Medical Informatics"
4. **Karbasi Z**, Zahmatkeshan M, Abhari S, Safdari R. Assessment of the Mobile Applications for Cardiovascular Disease: a Review of Feasibility, Usability, and Acceptability "Shiraz Third International Congress on mhealth"
5. Zakerabbasali S, **Karbasi Z**, Jelvay S. Barriers to m-Health Adoption by healthcare providers: a systematic review "Shiraz Third International Congress on mhealth"
6. Abhari S, Lnakarani B, **Karbasi Z**. How mHealth can help dietary assessment? "Shiraz Third International Congress on mhealth"
7. Abhari S, Lnakarani B, **Karbasi Z** .Can Text Messaging and Mobile Phone Apps Improve Adherence to Healthy Diet in Adults? "Shiraz Third International Congress on mhealth"
8. Zahmatkeshan M, **Karbasi Z,** Yazdani A. Evaluation of the impact of M-Health interventions in improving health outcomes of care of women with gestational diabetes mellitus   "Shiraz Third International Congress on mhealth"
9. **Karbasi Z** , Safdari R, Ghazisaeedi M.New realities: a review on effectiveness of virtual technologies in the treatment of multiple sclerosis patients "Second Congress Medical Informatics"
10. **Karbasi Z**, Gohari S R Niakan Kalhori S Augmented Reality Application for Teaching Anatomy : a Summarized Review of Literature "9th conference of E-Learning in Medical Education"

Research Experiences

1. Investigating the accuracy of Persian speech recognition system by physicians in real health care environment, KUMS, 94442
2. Designing and developing a monitoring system for the physical harm caused by child abuse in the medical center, TUMS, 36390
3. Challenges of managing child abuse cases (in medical centers from the perspective of health experts and providers' medical School, TUMS, 41778
4. Designing an ethical guide related to child abuse in Iran, TUMS, 34435.

Professional Experience:

1. Assistant Professor, Kerman University of Medical Sciences. 2021

Awards

1. Ranked top 1 in the National University Entrance Examination, Tehran University of Medical Sciences (The Doctor of Philosophy, (PhD) at the Health Information Management)
2. "Member of Talent Development Center" in Tehran University of Medical Sciences
3. The first person in the comprehensive exam among PhD students in Health Information Management – 2019
4. A top student at Tehran University of Medical Sciences (TUMS)
5. Best paper presentation award Second Congress Medical Informatics

Languages

English (Academic MHLE Certificate, Score: 60)

Research Interests

1. Health information management
2. Health information technology
3. Disease registration and monitoring systems
4. Electronic health (e-health)
5. Evaluation of health information systems
6. Design and evaluation of health information systems
7. Electronic health records (EHR)
8. Designing of minimum data set of health information systems
9. Social factors related to the health of children and mothers

Experiences

1. Lecture at the first scientific symposium on the rights and health of children and infants
2. Training in the HIT field (SPSS software)
3. Lecture at the Second Congress Medical Informatics and ICT

Participate in training courses and workshops

1. Workshop of scientific writing (1, 2)
2. Training course on designing a business model in the field of health
3. Data mining workshop

4. Workshop of how to review a paper
5. Slide set design principles workshop
6. Professional commitment feedback training course
7. Inverted classroom workshop
8. Creative teaching workshop
9. Interactive lecture workshop
10. Effective speech and articulation workshop
11. Participate in the Camtasia workshop
12. Systematic review (meta-analysis) workshop
13. Participate in an Excel workshop
14. Participate in a workshop on scientific articles
15. Participate in multimedia production workshop by I Spring software
16. Participated in the first National Medical Informatics Congress
17. Participation in the second National Congress of Medical Informatics and the seventh Conference on Electronic Health and ICT Applications in Iranian Medicine
18. Participate in the Third National Conference on Health Technology
19. Participate in the first national conference on the use of statistics in the health system

(Until February 2021)