

Akram Karimi-Shahanjarini, Ph.D.

Professor of Health Education

I hold a PhD in Health Education from Tehran University of Medical Sciences, Iran. With a background in midwifery, I have gained five years of experience working in primary healthcare. For the past twelve years, I have been employed as a faculty member at Hamadan University of Medical Sciences. Throughout my academic career, I have taught at various levels and supervised over twenty Ph.D. and MSc theses. Additionally, I have served as an advisor for approximately thirty theses. I have made contributions to numerous national and international research projects.

Personal information

Place and date of birth: Tehran- 1977

Nationality Iranian

Tel +98 8138380090

E-mails Karimi.a@umsha.ac.ir, Akarimi.sh@gmail.com

Scopus link: <https://www.scopus.com/authid/detail.uri?authorId=36621683600>

Google Scholar link: <https://scholar.google.com/citations?user=pYX0NVwAAAAJ&hl=en>

Academic qualification

1999	Bachelor of Science in Midwifery	Babol University of Medical Sciences
2003	Master in Health Education	Tehran University of Medical Sciences
2010	PhD in Health Education	Tehran University of Medical Sciences

Scientific and executive position

- Faculty member of School of Public Health, Hamadan University of Medical Sciences (UMSHA), 2011-present
- Head of Public Health Department, 2017-2021
- Founding member of Social Determinants of Health Research Center , 2012- present
- Research Fellow at National Institute of Health Research, Tehran University of Medical Sciences, Tehran, Iran, 2010-2011

Awards & Honors

- Achieving first rank in entrance exam for Ph.D. 2005
- Achieving second rank in entrance exam for M.Sc. 2001
- Receiving the title and the prize as the top instructor, Hamadan University of Medical Sciences, 2013 and 2017.
- Receiving the title and the prize as the top researcher, Hamadan University of Medical Sciences, 2021.

Presentations (Oral and Poster)

- The 27th Cochrane Colloquium(Poster). "Cultural adaptation of interventions to reduce pesticide exposure among farmworkers: A systematic review".2020, Canada.
- 3th international congress of health education and promotion(Oral). " View of adults about colorectal cancer screening in Iran " 2017, Iran.
- The 2nd International Nutrition Congress(Oral). " Adolescents Snacking Behaviors and School Food Environment in Iranian Health Promoting Schools: A Program Evaluation.2016, Iran.
- Second Global Symposium on Health Systems Research (Poster). "Barriers and facilitators to the effectiveness and implementation of doctor-nurse substitution strategies for mother and child care: Systematic review of qualitative studies". 2012, China.
- Annual Conference of the ISBNPA(Poster). " Underlying factors of junk food consumption among female adolescents: An integrative approach".2009, Portugal.

Research interests

- Qualitative and quantitative evidence synthesis
- Developing and evaluating behavioral and environmental change interventions
- Obesity and NCDs prevention
- Child and adolescent health
- Women Health
- Social determinates of health

Teaching Experience

- Health promotion of women (PhD in health education and promotion)
- Health promotion of adolescents (PhD in health education and promotion)
- Planning health promotion programs(PhD in health education and promotion)
- Health policy making(PhD in health education and promotion)
- Community –based health promotion(PhD in health education and promotion)
- Health promotion strategies(PhD in health education and promotion)
- Theories of health education and promotion (PhD in health education and promotion)
- Scale development (PhD in health education and promotion)
- Healthy life style (MS in health education)
- Health psychology (MS in health education)
- Research methods in health education (MS in health education)
- Health education and promotion (MPH)
- Public health (B.sc)
- School Health (B.sc)
- Family planning (B.sc)

Research and Education Leadership

Theses Supervision

So far, I have supervised nearly 20 Ph.D. and MSc theses throughout my academic career. Additionally, I have served as an advisor for approximately 30 theses.

Cooperation and Membership

- Cooperation project on EPOC Qualitative Evidence Syntheses with the Norwegian Institute of Public Health.
- Cooperation with Iran's National Institute of Health Research in designing, implementing, and evaluating Iran's Multiple Indicator Demographic and Health Survey.
- Reviewing scientific papers for BMC Public Health, Orphanet Journal of Rare Diseases, Eastern Mediterranean Health Journal, Journal of Research in Health Sciences
- Working as principal of the Educational Development Office at Hamadan University of Medical Sciences
- Membership of the board of examiners in the Ministry of Health and Medical Education (MOHME)
- Membership of the faculty empowerment committee at Hamadan University of Medical Sciences
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Books

- IrMIDHS-I.R. Iran Multiple. Indicator and Demographic Health Survey 2010: Questionnaires, Guides and Protocols, Tehran: National Institute of Health Research and Deputy for Health, Ministry of Health and Medical Education, 2010
- Dictionary of public health promotion and education : terms and concepts, Tandis publication, 2008(Translation)
- Community –based health interventions, Tehran: Ministry of Health and Medical Education, 2017(Translation)

Publications

- **Karimi-Shahanjarini A**, Afshari, M, Besharati F. Cultural appropriateness in randomized controlled trials (RCTs) aimed at reducing pesticide exposure among farmers and farmworkers: a systematic review, International Archives of Occupational and Environmental Health, 2023
- Savari, A., Bashirian, S., Barati, M., **Karimi-Shahanjarini, A**. The Effects of Educational Intervention Based on the Health Belief Model on Improving Foot Self-Care Behaviors in Older Adults. Aging Medicine and Healthcare, 2023
- Khoshravesh S, **Karimi-Shahanjarini A**, Poorolajal J, Barati B. Evaluation of a workplace organ donation intervention: A randomized controlled trial. Journal of Community & Applied Social Psychology, 2022
- Zamani R , **Karimi-Shahanjarini A**, Tapak L, Moeini B. Improving phenylalanine and micronutrients status of children with phenylketonuria: a pilot randomized study, Orphanet Journal of Rare Diseases , 2022
- Glenton C, Lewin S, Downe S, Paulsen E, Munabi-Babigumira S.....**Karimi-Shahanjarini, A**. et al. Cochrane Effective Practice and Organisation of Care (EPOC) Qualitative Evidence Syntheses, Differences From Reviews of Intervention Effectiveness and Implications for Guidance, International Journal of Qualitative Methods, 2022
- Rezapur-Shahkolai F, Gheysvandi E, **Karimi-Shahanjarini A**, Tapak L. Identification of factors related to behaviors associated with musculoskeletal pain among elementary students, BMC musculoskeletal disorders , 2021
- Chenary R, **Karimi-Shahanjarini A**, Bashirian, S, Roshanaei G. Factors associated with the salt intake behaviors in women in a high-salt intake setting, Nutrition & Food Science , 2022
- Cheraghi P, Zanjari N, **Karimi-Shahanjarini A**, Cheraghi Z, Delbari A. The negative gap in quality of elderly healthcare in the West of Iran in 2020; an analytical cross-sectional study, Immunopathologia Persa, 2022

- Hamidi Y, Kharghani Moghadam M, Hazavehei MM, **Karimi-Shahanjarini A**, Seif Rabiei MA, Farhadian M, Alimohammadi Sh. Effect of TQM educational interventions on the management policy standard of health promoting hospitals, *Health Promotion International*, 2021
- Bashirian S, Seyedzadeh-Sabounchi Sh, Shirahmadi S, **Karimi-Shahanjarini A**, Soltanian A, Vahdatinia F. Predictors of oral health promotion behaviors among elementary school children: Examination of an extended social cognitive theory, *International Journal of Pediatric Dentistry*. 2021
- Glenton C, Lewin S, Downe S, Paulsen E,**Karimi-Shahanjarini, A**,.....Qualitative evidence syntheses within Cochrane effective practice and organisation of care: Developing a template and guidance , *International Journal of Qualitative Methods* , 2021.
- Bashirian S, Khazaie S, Barati M, Jenabi E, Soltanian A, **Karimi-Shahanjarini A**, Zareian S, Rezapur-Shahkolai F, Moeini B. COVID-19 Prevention Behaviors among Health Staff: Data from a Large Survey in the West of Iran. *Journal of Research in Health Sciences*, 2021
- Afshari M, **Karimi-Shahanjarini A**, Khoshravesh S, Besharati F. Effectiveness of interventions to promote pesticide safety and reduce pesticide exposure in agricultural health studies: A systematic review. *PloS one*. 2021
- Khoshravesh S, **Karimi-Shahanjarini A**, Poorolajal J, Bashirian S, Barati M, Hamidi M, Khalili S. Socio-Cultural Factors Contributing to Being an Organ Donor in Iranian Employees, *International Quarterly of Community Health Education*. 2020
- Moradi-Pourghavam Z, **Karimi-Shahanjarini A**, Barati M, Doosti-Irani A, Nouri Sh. Associated Factors with Developmental Delay of under 5 Year Old Children in Hamadan, Iran: A Case-Control Study, *Journal of Education and Community Health*. 2020
- Salimi N, **Karimi-Shahanjarin A**, Rezapur-Shahkolai F, Hamzeh B, Roshanaei Gh, Babamiri M. Use of a Mixed-Methods Approach to Evaluate the Implementation of Violence and Bullying Prevention Programs in Schools. *Education and Urban Society*.2020
- Khazaei S, Bashirian S, Jenabi E, Barati M, **Karimi-Shahanjarini A**, Moeini B, Rezapur-Shahkolai F, et al. COVID-19 preventive behaviors and its related beliefs among health workers: The role of threat and coping appraisals. *J Educ Community Health*. 2020
- Bashirian S, Jenabi E, Khazaei S, Barati B, **Karimi-Shahanjarini A**, Zareian S, Rezapur-Shahkolai F, Moeini B. Factors associated with preventive behaviours of COVID-19 among hospital staff in Iran in 2020: an application of the Protection Motivation Theory. *Journal of Hospital Infection*. 2020
- Rezapur-Shahkolai F, Gheysvandi E, Tapak L, Dianat I, **Karimi-Shahanjarini A** Heidarimoghadam R. Risk factors for low back pain among elementary school students in western Iran using penalized logistic regression. *Epidemiology and Health*.2020

-Khoshravesh S, **Karimi-Shahanjarini A**, Poorolajal J, Barati M, Bashirian S, Hamidi M, Khalili S. Development and psychometric testing of the signed donor card (SDC) scale in an Islamic society. *Health communication*, 2010

-Chenary R, **Karimi-Shahanjarin A**, Bashirian S, Roshanaei Gh, Fazaeli A, Mohammadimanesh A, Jalilian M. Developing and testing an instrument to measure the factors affecting the salt restriction behaviors among women. *Journal of Research in Health Sciences*, 2020.

-**Karimi-Shahanjarini A**, Shakibazadeh E, Rashidian A, Hajimiri K, Glenton C, Noyes J, Lewin S, Laurant M, Colvin CJ. Barriers and facilitators to the implementation of doctor-nurse substitution strategies in primary care: a qualitative evidence synthesis. *Cochrane Database of Systematic Reviews* 2019, Issue 4. Art. No.: CD010412. doi: 10.1002/14651858.CD010412.pub2.

- Afshari M, Poorolajal J, Rezapur-Shahkolai F, Assari MJ, **Karimi-Shahanjarinin A**. Which Factors Influence Farmers' Use of Protective Measures During Pesticides Exposure? *Workplace health & safety*, 2019;67(7):338-349. doi: 10.1177/2165079919827042

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- Hazavehei MM, Hamidi Y, **Karimi-Shahanjarini A**, Seif Rabiei MA .The Status of Organisational Culture and Job Satisfaction in Hamadan Specialty Hospitals. *Journal of Clinical and Diagnostic Research* 13 (4). DOI: 10.7860/JCDR/2019/38436.12784

-Hazavehei SMM , **Karimi-Shahanjarini A**, Rabiei MAS. Health promoting hospitals in Iran: A review of the current status, challenges, and future prospects. *Med J Islam Repub Iran*. 2019; 33 (1) :288-294

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-Otogara M, **Karimi-Shahanjarini A**, Hazavehei MM, Poorolajal J, Radnia N. Exploring perceptions of instructors about childbirth preparation training courses: A qualitative study. *Electronic Physician*, 2017, 9 (4), 4215-4224.

-Besharati F, **Karimi-Shahanjarini A**, Hazavehei MM, Bashirian S. Development of a Colorectal Cancer Screening Intervention for Iranian Adults: Applying Intervention Mapping. *Asian Pac J Cancer Prev*, 2017, 18 (8), 2193-2199.

-**Karimi-Shahanjarini A**, Rahmani F, Roshanei G, Hazavehei MM. Assessment of Salient Beliefs Affecting Mothers' Intention to Adherence to Dietary Diversity in their Children's Complementary Feeding. *Int J Prev Med*. 2017 13; 8:28.

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-Rostami-Moez M, Rezapur-Shahkolai F, Hazavehei MM, Karami M, , **Karimi-Shahanjarini A**. Effect of Educational Program, Based on PRECEDE and Trans-Theoretical Models, on Preventing Decline in Regular Physical Activity and Improving it among Student. *Journal of research in health sciences*, 2017, 17 (2).

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-Hamidi H, Hazavehei MM, **Karimi-Shahanjarini A**, SeifRabiei MA. Investigation of health promotion status in specialized hospitals associated with Hamadan University of Medical Sciences: health-promoting hospitals *Hospital Practice*, 2017, 45 (5), 215-221

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- Moeini B, **Karimi-Shahanjarini A**, Soltanian A, Valipour Matlabi V. The Effect of Communication Skills Training on Females Referred to Health Centers in Applying the Social Support Theory for Increasing Marital Satisfaction. *J Educ Community Health*, 2016, 3 (3), 9-16.
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- Afshari M, **Karimi Shahanjarini A**, Khazaei S. Factors determining infant mortality in high-risk pregnancies: A cross-sectional study . *Pajouhan Scientific Journal*, 2014, 12 (4), 21-27.
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- Karimi-Shahanjarini A** , Makvandi Z, jFaradmal J, Bashirian S. Assessing the tooth decay status of 2-5 years children and the role of their mothers' caring behaviors. *Scientific Journal of Hamadan Nursing & Midwifery Faculty*, 2014, 21 (4).

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-Shakibazadeh E, Rashidian A, Larijani B, Shojaezadeh D, Forouzanfar MH, **Karimi-Shahanjarini A**. Perceived Barriers and Self-efficacy: Impact on Self-care Behaviors in Adults with Type 2 Diabetes. *Hayat*, 2010, 15 (4).

-**Karimi-Shahanjarini A**, Omidvar O, Bazargan M, Rashidian A. Iranian female adolescent's views on unhealthy snacks consumption: a qualitative study. *Iranian journal of public health*, 2010, 39 (3), 92

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