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Head of Internation Campus, Shahid Beheshti University of Medical Sciences,
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School of Public Health and Safety, Department of Health in Disasters and Emergencies,
Shahid Beheshti University of Medical Sciences, Tehran, Iran.

Safety Promotion and Injury Prevention Research Center, Institute for Health Sciences
and Environment, Shahid Beheshti University of Medical Sciences, Tehran, Iran.



University Education

Ph.D. Health Care Services Administration, 2008.

M.Sc. Health Care Services Administration, 2002.

B.Sc. Nursing, 1996.

Research Published Papers

- Veisani, Y., Sahebi, A., Jobaneh, M., Mohammadi, J., Zamani Far, A.A., **Ghomian Z***, 2026. Drowning Mortality and Risk Factors in Coastal Iran: A Cross-Sectional Study Using GIS. *Trauma Monthly*, 30(6), pp.1627-1634.
- Shafiei-Moghaddam, P., Jahangiri, K., Moradi, V. and **Ghomian, Z.**, 2025. Exploring the Types and Causes of Stampede-Related Injuries in Religious Mass Gatherings in Asia: A Systematic Review. *Journal of Religion and Health*, pp.1-21.
- Sadeghi M, **Ghomian Z***, Ebadi A, Rakhshanderou S, Kolivand P. Resilience among Iranian Red Crescent Aid Workers: A Directed Content Analysis of Disaster Response. Resilience among Iranian Red Crescent. *Iranian Red Crescent Medical Journal*. 2025 Jul .75.1-10.
- Sadeghi M, **Ghomian Z***, Ebadi A, Rakhshanderou S, Kolivand P. Resilience in aid workers in disaster and emergencies: a systematic review and thematic analysis. *Frontiers in Psychology*. 2025 Jun 18;16:1540892.
- Ghanbari MR, Jahangiri K, Safari M, **Ghomian Z**, Nekooie MA. Experts' Views on Factors Influencing Resource Allocation for Infectious Disease Emergencies Based on Humanitarian Principles: A Qualitative Study. *AJPM focus*. 2025 Feb 1;4(1):100286.
- Rahmani F, **Ghomian Z***. Towards Safer Mass Gatherings Using Social Media: A Crowd Management Perspective. *Mass Gathering Medical Journal*. 2025;2(2).
- Pirani, D., **Ghomian, Z***, Bahadorimonfared, A., Emami Zadeh, J., Piri, H., Beladian Behbahan, S. E., & Mohammadi, G. (2024). Identifying Factors Affecting Disaster Management in Pandemic Conditions: A Systematic Review. *Trauma Monthly*, 29(5), 1227-1235.
- Rahmani, F., & **Ghomian, Z***. Children Tracking in Mass Gatherings Using Radio Frequency Identification (RFID) Technology. *Mass Gathering Medical Journal*, 1(1).
- Chhabra, D., Jahangiri, K., Sohrabizadeh, S., **Ghomian, Z.**, & Shahsavani, A. (2024). Exploring Strategies to Mitigate the Adverse Health Impacts of Air Pollution on Children in India: A Qualitative Study. *Cureus*, 16(7).
- Younesi, S., **Ghomian, Z***, Hatami, H., & Sharififar, S. (2024). Preparedness Assessment of Teaching Hospitals Affiliated With Shahid Beheshti University of Medical Sciences in



- Response to Biological Incidents. *Health in Emergencies and Disasters Quarterly*, 9(2), 145-158.
- MR, F. G., & **Ghomian, Z***. (2023). Accidental release of chlorine from a cylinder during transport and an emergency response plan: A scenario-based study. *Journal of Emergency Management (Weston, Mass.)*, 21(6), 511-521.
 - Sahebi, A., **Ghomian, Z***, Tahernejad, A., & Sadeghi, M. (2023). Acceptance rate of COVID-19 vaccine among healthcare workers: A systematic review and meta-analysis. *Nursing Practice Today*.
 - Pirani, D., Gholamnia, R., **Ghomian, Z.**, Ebadi, A., Ghaffari, M., Jamshidi, N., & Khorasani-Zavareh, D. (2022). Factors affecting petrochemical industry preparedness in fire: A qualitative study. *Archives of Trauma Research*, 11(4), 189-198.
 - Bazghaleh M, Abbasi M, Bahonar E, **Ghomian Z**, Sadeghi M, et al. Perceived Stress, Moral Distress, and Spiritual Intelligence of Clinical Nurses in the Coronavirus Disease 2019 Pandemic. *Ann Mil Health Sci Res*. 2023;21(1):e134088.
 - Dehghani, A., **Ghomian, Z***, & Eskandari, Z. (2023). Design and psychometrics of risk assessment tool for makeshift hospitals: Focusing on pandemics. *Heliyon* 9.4 (2023)
 - Dehghani, A., **Ghomian, Z***, Rakhshanderou, S., Khankeh, H., & Kavousi, A. (2023). Components of health system preparedness in disaster risk communication in Iran: a qualitative study. *International journal of disaster risk reduction*, 84, 103462.
 - Hadavi, M., **Ghomian, Z***, & Mohammadi, F. (2023). Workplace Violence Against Health Care Workers During the COVID-19 Pandemic: A Systematic Review and Meta-analysis. *Journal of Safety Research*.
 - Dehghani, A., **Ghomian, Z***, Rakhshanderou, S., Khankeh, H., & Kavousi, A. (2022). Process and components of disaster risk communication in health systems: A thematic analysis. *Jambá: Journal of Disaster Risk Studies*, 14(1), 11.
 - Dehghani, A., **Ghomian, Z***, Rakhshanderou, S., Khankeh, H., & Kavousi, A. (2022). National Documents Analysis of Risk Communication in Iran: Based on Disaster Risk Management Cycle. *Shiraz E-Medical Journal*, 23(12).
 - Safarpour, H., Khorasani-Zavareh, D., Soori, H., **Ghomian, Z.**, Bagheri-Lankarani, K., & Mohammadi, R. (2022). The challenges of Vision Zero implementation in Iran: a qualitative study. *Frontiers in future transportation*, 3, 884930.
 - Safi-Keykaleh, M., Khorasani-Zavareh, D., **Ghomian, Z.**, & Bohm, K. (2022). A model to explain the challenges of emergency medical technicians' decision making process in emergency situations: a grounded theory. *Journal of injury and violence research*, 14(1), 53.
 - Dehghani, A., & **Ghomian, Z***. (2022). Safety Assessment of the Largest Makeshift Hospital for COVID-19 Management in Iran. *Trauma Monthly*, 27(Especial Issue (COVID-19 and Emergency Medicine)), 18-25.



- Safarpour, H., Khorasani-Zavareh, D., Soori, H., **Ghomian, Z.**, Lankarani, K. B., & Mohammadi, R. (2022). A model for Vision Zero implementation in Iran: a grounded theory study. *Journal of injury and violence research*, 14(1), 43.
- Tofighi, M., Tirgari, B., **Ghomian, Z.**, Safari, M., Bazayar, J., Mohammadi, E., ... & Safarpour, H. (2022). Time Management Behaviors and Emotional Intelligence in Head Nurses in Emergency and Intensive Care Units. *Creative Nursing*, 28(1), 29-35.
- Safarpour, H., **Ghomian, Z***, & Rafieepour, A. (2022). Hookah: a cultural risk factor for the COVID-19 outbreak in Iran. *Journal of Substance Use*, 27(3), 229-230.
- Mousavipour, S., Zavareh, D. K., Nouri, F., Ebadi, A., Saremi, M., Jabbari, M., **Ghomian, Z.**, Mohammadi, R. (2021). Exploring effective factors in reducing the fall of hospitalized patients: A systematic review. *Archives of Trauma Research*, 10(3), 133-140.
- Hatami, H., **Ghomian, Z***, & Ebrahimi, K. (2021). Knowledge and organizational readiness of health care providers in dealing with bioterrorism attacks in Bukan city in 2020. *Journal of Health in the Field*, 9(1).
- Kassaeian, S., Gohari, A., Masoumi, G., **Ghomian, Z.**, & Dehghani, A. (2021). Post-Hospital Discharge Strategy for COVID-19 Treatment and Control: Focus on Fangcang Hospitals. *Disaster Medicine and Public Health Preparedness*, 1-3.
- Safi-Keykaleh, M., Khorasani-Zavareh, D., **Ghomian, Z.**, Nateghinia, S., Safarpour, H., & Mohammadi, R. (2021). Barriers and requirements in the off-line emergency medical protocols implementation in Iranian Pre-hospital system: A qualitative study. *Journal of Education and Health Promotion*, 10.
- Eskandari, Z., **Ghomian, Z***, Sohrabizadeh, S., Alibabaei, A., & Ahmadinejad, H. (2021). Factors affecting development of air ambulance base: A systematic review and thematic analysis. *Journal of Education and Health Promotion*, 10(1), 320..
- Eskandari, Z., **Ghomian, Z***, Alibabaei, A., Ahmadinejad, H., & Sohrabizadeh, S. (2021). Air ambulance base development for responding to traffic accidents in Iran. *Trauma monthly*, 26(3), 157-166.
- Eskandari, Z., Sohrabizadeh, S., Nouri, F., Khorasani-Zavareh, D., & **Ghomian, Z***. (2021). Factors contributing to the development of air ambulance base: A protocol for systematic review. *Journal of Complementary Medicine Research*, 12(1), 1-1.
- Farahi-Ashtiani, I., **Ghomian, Z***, Pirani, D., & Nejati-Zarnaqi, B. (2021). Cluster approach, a model for promoting the coordination in humanitarian assistance; with focus on Kermanshah earthquake, Iran: 2017. *Trauma Monthly*.
- Safarpour, H., Khorasani-Zavareh, D., **Ghomian, Z.**, Soori, H., Bagheri Lankarani, K., & Mohammadi, R. (2021). Vision Zero: Evolution History and Developing Trend in Road Safety: A Scoping Review. *Trauma Monthly*.



- Mousavipour, S., **Ghomian, Z.**, Nouri, F., & Khorasani-Zavareh, D. (2020). Protocol of Identification of Effective Factors in Reducing Fall among the Hospitalized Patients: A Systematic Review, *Archives of Trauma Research*, 9(3), 135-138.
- Karampourian, A., **Ghomian, Z.**, & Khorasani-Zavareh, D. (2019). The Bridge between Need and Access: Distribution of Trauma Care Facilities at a Religious Mega Mass Gathering. *Acta Medica Iranica*, 57(7), 442-447.
- Sahebi, A., **Ghomian, Z***, & Sarvar, M. (2019). Helicopter emergency medical services in 2017 Kermanshah Earthquake; a qualitative study. *Archives of academic emergency medicine*, 7(1).
- Allahbakhshi, K., **Ghomian, Z***, Jazani, R. K., & Khorasani-Zavareh, D. (2019). Preparedness challenges of the Iranian health system for dust and sand storms: A qualitative study. *Journal of Education and Health Promotion*, 8(1), 114.
- Karampourian, A., **Ghomian, Z***, & Khorasani-Zavareh, D. (2019). Qualitative study of health system preparedness for traumatic incidents in a religious mass gathering. *Injury*, 50(5), 1097-1104.
- Allahbakhshi, K., Khorasani-Zavareh, D., Jazani, R. K., & **Ghomian, Z***. (2019). Preparedness components of health systems in the Eastern Mediterranean Region for effective responses to dust and sand storms: a systematic review. *F1000Research*, 8.
- Karampourian, a., khorasani-zavareh, d., & **Ghomian, Z***. (2019). Communicable diseases pattern in religious mass gatherings: a systematic review. *Journal of clinical & diagnostic research*, 13(2).
- Keykaleh, M. S., Safarpour, H., Yousefian, S., Faghisolouk, F., Mohammadi, E., & **Ghomian, Z.** (2018). The Relationship between Nurse's Job Stress and Patient Safety. *Open access Macedonian journal of medical sciences*, 6(11), 2228.
- Karampourian, A., **Ghomian, Z***, & Khorasani-Zavareh, D. (2018). Exploring challenges of health system preparedness for communicable diseases in Arbaeen mass gathering: a qualitative study. *F1000Research*, 7.
- Karampourian, A., Khorasani-Zavareh, D., & **Ghomian, Z.** (2018). Fatalisma at the Arbaeen Ceremony. *Safety Promotion and Injury Prevention*, 5(4), 181-184.
- **Ghomian, Z.**, khodadadizadeh, A., jahangiri, k., & yousef, n. S. (2018). Bam, iran, earthquake experiences, life suddenly collapse in a few seconds: a qualitative study.
- Sharifian, S., **Ghomian, Z***, Khodadadizadeh, A., & Jahangiri, K. (2017). Assessment of Disaster Mitigation and Preparedness. *Trauma Monthly*, 22(2).
- **Ghomian, Z***, & Yousefian, S. (2017). Natural Disasters in the Middle-East and North Africa With a Focus on Iran: 1900 to 2015. *Health in Emergencies and Disasters*, 2(2), 53-62.



- Imani, B., Karampourian, A., **Ghomian, Z.**, & Taajobi, M.(2016) Effect of quality work life relationship on occupational stresses among Bu-alisina university staff in Hamadan province, IR Iran.
- **Ghomian, Z***, Motamedi, M. H. K., & Danial, Z. (2017). Curbing Death from Natural Disasters in Mass Gatherings. *Trauma Monthly*, 22(4).
- Pourabbasi, A., Heshmat, R., Rajabi, F., Heidarzadeh, A., **Ghomian, Z.**, Kheiry, Z., & Larijani, B. (2015). Comprehensive health higher education plan, a model for plicy making in health higher educaion in ministry of health in Iran. *Iranian Journal of Medical Education*, 15, 61-63.
- Karampourian, A., **Ghomian, Z***, Jahangiri, K., & karkhanei, b. (2017). Effect the education of mass casualty incident (mci) on knowledge, attitude, practice and satisfaction in red crescent rescuers of Hamadan. *Avicenna journal of nursing and midwifery care*, SPRING 2017 , Volume 25 , Number 1; Page(s) 44 To 50.
- Saghafinia M., Danial Z., **Ghomian Z.**, Haeri A.A.(2009).Effect of educational pamphlets of disasters dealing on increasing individuals' awareness. *JOURNAL OF MILITARY MEDICINE FALL 2009 , Volume 11 , Number 3 (41); Page(s) 161 To 164.*

Supervisory Activities PhD Dissertations:

- **Seyed Mostafa Hosseini**, MSc. Thesis"Design and Evaluation of an Educational Intervention Based on Knowladge, Attitude and Practice (KAP) Regarding Needle-Stick Injuries According to the "Infection Prevention and Control Program Among Prehospital Emergency Staff in Semnan Province", and Safety, Tehran, Iran. (Currently under Supervisory)
- **Faeze Rahmani**, Ph.D. Thesis: " Development and Validation of Disaster Risk Communication Curriculum for The BAVAR Teams of The Iranian Red Crescent Society", Shahid Beheshti University of Medical Sciences, School of Public Health and Safety, Tehran, Iran. (Currently under Supervisory)
- **Fariba Ahmadi**, MPH. Thesis:" Designing and psychometric evaluation tool for health system preparedness in Mass gatherings with a focus on ARBAEEN", Shahid Beheshti University of Medical Sciences, School of Public Health and Safety, Tehran, Iran. (2025)
- **Mahdi Sadeghi**, Ph.D. Thesis: " Design and psychometrics of resilience tools for Aid workers of Iranian Red Crescent Society during emergencies and disasters ", Shahid Beheshti University of Medical Sciences, School of Public Health and Safety, Tehran, Iran. (2025)



- **Deepti Chhabra Wahi**, Ph.D. Thesis: " Developing air pollution policies regarding children's health in India", Shahid Beheshti University of Medical Sciences, School of Public Health and Safety, Tehran, Iran. (2024)
- **MohamadReza Fallah Ghanbari**, Ph.D. Thesis: "Design and validation the model of factors influencing decision-making in management and allocation of resources in emergencies with focus on COVID-19", Shahid Beheshti University of Medical Sciences, School of Public Health and Safety, Tehran, Iran. (2024)
- **Saeed Younesi**, MPH. Thesis: "Assessing Hospital Preparedness for Biological Events in Shahid Beheshti University of Medical Sciences", Shahid Beheshti University of Medical Sciences, School of Public Health and Safety, Tehran, Iran. (2024)
- **Arezoo Dehghani**, Ph.D. Thesis: Design and Psychometrics of Evaluation Tool For Health System preparedness on disaster Risk Communication, Shahid Beheshti University of Medical Sciences, School of Public Health and Safety, Tehran, Iran. (2023)
- **Davood Pirani**, Ph.D. Thesis: Design, psychometric and test of petrochemical industry Preparedness Tools in Fire disasters, Shahid Beheshti University of Medical Sciences, School of Public Health and Safety, Tehran, Iran. (2023)
- **Hamid Safarpour**, Ph.D. Thesis: Designing and Implementation of Vision Zero Model of Road Traffic Injuries in Iran, Shahid Beheshti University of Medical Sciences, School of Public Health and Safety, Tehran, Iran. (2021)
- **Zahra Eskandari**, Ph.D. Thesis: Designing a Model for Optimization of the Helicopter Emergency Medical Bases Relay Location in Iran by Using Artificial Intelligence, Shahid Beheshti University of Medical Sciences, School of Public Health and Safety, Tehran, Iran. (2021)
- **Meysam Safi Keykaleh**, Ph.D. Thesis: Designing the Protocol of Decision-making Process for Asthma Attacks in Iranian Emergency Medical System, Shahid Beheshti University of Medical Sciences, School of Public Health and Safety, Tehran, Iran. (2021).



- **Mohamad Reza Abazari**, MPH. Thesis: Knowledge, attitude, practice (KAP) and organizational readiness preparedness survey of General Practitioner in dealing with bioterrorist attacks, shemiranat, , Shahid Beheshti University of Medical Sciences, School of Public Health and Safety, Tehran, Iran. (2020).
- **Kamran Ebrahimi**, Organization Readiness to face bioterrorist attacks with an emphasis on health care providers, Shahid Beheshti University of Medical Sciences, School of Public Health and Safety, Tehran, Iran (2019).
- **Allahbakhshi, Kiomars**, Ph.D. Thesis: Designing a dust storms preparedness model for the health care system of Iran, Shahid Beheshti University of Medical Sciences, School of Public Health and Safety, Tehran, Iran (2019).
- **Arezo Karampourian**, Ph.D. Thesis: Need assessment of Health care system for exposing communicable diseases and trauma in Mass gathering and the design of preparedness operational guide, Shahid Beheshti University of Medical Sciences, School of Public Health and Safety, Tehran, Iran (2018).

Conference Proceedings

- Managing Crowds in Emergency Situations and Its Role in Urban Resilience” Natural Disasters Research Institute, October 14, 2025
- Immigrants and refugees’ access to Covid-19 vaccination: challenges and obstacles; A Scoping Review: Covid Lesson Learned & Achievement Congress, Tehran, Iran, 6-27 September 2024.
- A review of the role of psychological first aid in increasing the resilience of children in disasters; 2024
- A review of the role of the Twitter social network in crisis communication and disaster management; 2024
- The Application of Machine Learning Based Methods in prehospital Triages: 15th international congress of Iranian scientific society for EMERGENCY MEDICINE Time: 4 to 6 January 2023
- Moving Towards Smart Ambulances With The Help of Internet of Things: 15th international congress of Iranian scientific society for EMERGENCY MEDICINE Time: 4 to 6 January 2023



- Providing health services in hospitals affiliated to Ilam University of Medical Sciences in Arbaeen 1401: challenges and solutions, The 3th International Congress of Health in Arbaeen, Tehran, 2023(Oral Presentation)
- Prioritization of health, safety, and environmental (HSE) risks in Arbaeen through the Analytic hierarchy process, The 3th International Congress of Health in Arbaeen, Tehran, 2023(Oral Presentation)
- Designing a Model for Health System Preparedness vs. Dust Storm in Iran, 9th International Congress of Health in Disasters and Emergencies, Tehran, 2019(Oral Presentation)
- Needs Assessment and Guidelines Drafting for Health System Preparedness for the Prevention of Infectious Diseases and Trauma in Mass gathering, 9th International Congress of Health in Disasters and Emergencies, Tehran, 2019(Oral Presentation)
- The Experience of Ministry of Health and Medical Education in volunteer management in Kermanshah earthquake, 9th International Congress of Health in Disasters and Emergencies, Tehran, 2019(Poster Presentation)
- The Role of the Media in Social Participation Management in Disasters, 9th International Congress of Health in Disasters and Emergencies, Tehran, 2019(Poster Presentation)
- Effectiveness of Evaluation in the Preparedness of Iranian educational hospitals vs. Natural Disasters: Systematic Review, 9th International Congress of Health in Disasters and Emergencies, Tehran, 2019(Poster Presentation)
- Lessons learned from the 3.7 magnitude earthquake on Imam Khomeini Hospital, Islamabad, west of Kermanshah province in 2017, 9th International Congress of Health in Disasters and Emergencies, Tehran, 2019(Poster Presentation)
- Assessment of Preparedness and Response level of Neishabour University of Medical Sciences to the caravans of pilgrims of Imam Reza (A.S.) in 2017, 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017(Poster Presentation)
- Best Practice in the use of e-learning in disaster management, 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017(Poster Presentation)
- Effective Indexes of E-Learning in Disaster Management, 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017(Poster Presentation)
- Effect the education of mass casualty incident (mci) on knowledge, attitude, practice and satisfaction in red crescent rescuers of hamadan , 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017(Poster Presentation)
- The importance of accessibility to contraceptive instruments in the disaster response phase, 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017(Poster Presentation)
- Challenges of Dust Storms in the health system of Iran and world, 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017(Poster Presentation)
- Experiences of virtual education in the world on health in disasters and emergencies: effective indicators of e-learning, 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017(Poster Presentation)
- Research Challenges om Health in Disasters and Emergencies, 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017(Poster Presentation)



- Bam earthquake experiences, life collapse in a few seconds: a qualitative study of Health in Disasters and Emergencies, Tehran, 2017(Oral Presentation)
- Analysis of Red Crescent Road Rescue Bases Based on Hazardous Roads in Mazandaran Province Using GIS, 8th International Conference on Integrated Natural Disaster Management, Tehran, 2016(Oral Presentation)
- Study the effect of Knowledge Management Processes on Improving the Disaster Management Process, 7th International Congress of Health in Disasters and Emergencies, Tehran, 2015(Poster Presentation)
- Application of SMART tools in triage of Trauma Patients at sea, 1st international conference and 3rd National conference on S&R and marine preventive medicine, January 2014, Bandar Abbas,(Poster Presentation)
- Nutrition Requirements in Disasters Based on FEMA and CDC Guidelines, 1st Conference on Food Life Improvement, March 2014, Tehran, ,(Poster Presentation)
- Development of Disaster and Emergency Management as a new Scientific discipline in Iran, 4th International Congress of Health in Disasters and Emergencies, Tehran, 200⁹(Oral Presentation)
- Implementation of 5S Model in Emergency Wards of Imam Khomeini Trauma Center in Tehran, 11th European Forum on Quality Improvement in Health Care 26-28 April 2006, Prague, Czech Republic, 2006(Poster Presentation)
- The incidents occurred during 25 years in the hospitals affiliated of Tehran University of Medical Sciences(1978-2003), 2nd International Congress of Health in Disasters and Emergencies, Tehran, 2004(Oral Presentation)
- Hospitals' strengthening, Why?, 2nd International Congress of Health in Disasters and Emergencies, Tehran, 2004(Poster Presentation)
- Assessment of response by 9 educational hospitals affiliated Tehran University of Medical Sciences after earthquake in north of Iran (8/3/2003), 2nd International Congress of Health in Disasters and Emergencies, Tehran, 2004(Oral Presentation)
- Rx for Excellence, 5th International Conference on Managers of Quality, Tehran, 2004(Poster Presentation)
- Bam Earthquake and Hospitals affiliated of Tehran University of Medical Sciences and,
- Corporate University And Corporate Learning: Xchange Excellence Award, 1st National Conferences on Human Resources Development Conference, Tehran, 2003 (Poster Presentation)
- Assessment of Management Situation in Helicopter Emergency System in Iran on 2000, 1st International Congress of Quality in Emergency Medicine Tehran, 2002 (Oral Presentation)
- Assessment of Hospitals Situation that were Admitted Patient were transported through Helicopter Emergency System in Iran on 2000, 1st International Congress of Quality in Emergency Medicine, Tehran, 2002 (Oral Presentation)



Scientific Lectures in Panels and Conference

- Planning for Mass-gatherings Based on Risk Assessment, International Congress on Relief and Rescue, Health and Management in Mass-gatherings, Tehran, 2024
- Design and Psychometrics of the Health System Preparedness Assessment Tool for Mass-gatherings, The 4th International Congress of Health in Arbaeen, Tehran, 2024
- Planning and risk reduction in mass gatherings: Razavi Shrine and the On-Foot Pilgrims of Imam Reza(last decade of Safar), The 1st National Congress of Disaster Management and Health ,Mashhad, 2023
- Planning in Mass gatherings: Tehran Disaster Mitigation and Management Organization, Tehran, 2023
- Legacy in Mass gatherings, The 3th International Congress of Health in Arbaeen, Tehran, 2023
- Monitoring of pilgrims on-foot and Biological Threats, 1st symposium of health Border Biosecurity, January 2020
- Drafting of Preparedness Operational Guides for Communicable Disease on Arbaeen Massgathering, 1st International Congress of Health in Arbaeen, Tehran, 2019.
- Effectiveness in Hospital Preparedness Evaluation of Iranian Educational Hospitals, 9th International Congress of Health in Disasters and Emergencies, Tehran, 2019.
- Mass gathering in Iran: Challenges and opportunities, International Emergency Preparedness & Response Program; Tehran, Aug. 2018
- Virtual Education in Disasters, 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017.
- Health Research Challenges in Disaster Management, 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017.
- Health in Mass Gathering; Emergency Management of Mass Casualty Incidents, Training Course, Tehran, 2016
- Health care System in Mass Gathering; 1st International Congress of Health in Emergencies, West of Azerbaijan province,2016
- Mega Mass gatherings in Iran: Challenges & opportunities, Hilal Iran Higher Education Institute, Iranian Red Crescent Society, 2016
- Educational Accreditation in the field of Medical Education in Iran: Lessons learned and Challenges – National Conference on Quality Assessment of Academic Systems, 2016
- Competency-Based Education for Health First Responders on Disaster, 7th International Congress of Health in Disasters and Emergencies, Tehran, 2015

Teaching

Shahid Beheshti University of Medical Sciences

Graduate Teaching: In Persian

- 1) Advanced disaster risk management, PHD Program, Health in Disasters and Emergencies
- 2) Risk Assessment & Analysis, PHD Program, Health in Disasters and Emergencies
- 3) Communication and information management in disasters, PHD Program, Health in Disasters and Emergencies
- 4) Hospital& Prehospital Emergency Management, PHD Program, Health in Disasters and Emergencies
- 5) Medical Services in Disaster and Emergencies, PHD Program, Health in Disasters and Emergencies
- 6) The incident command system, PHD Program, Health in Disasters and Emergencies Natural Disasters, PHD Program, Health in Disasters and Emergencies
- 7) Humanitarian assistance, PHD Program, Health in Disasters and Emergencies
- 8) Principles of management and planning in the health system, PHD Program, Health in Disasters and Emergencies
- 9) Internship & Seminar, PHD Program, Health in Disasters and Emergencies
- 10) Fundamental of Management, , PHD Program, Macro Ergonomics
- 11) Humanitarian Aids in Disasters , MSc Program, Health in Disasters and Emergencies
- 12) Preparedness in Disaster Management, MSc Program, Health in Disasters and Emergencies
- 13) Health Care System in Iran and world, MSc Program, Health in Disasters and Emergencies
- 14) Health care system Administration, MSc, Geriatric Program
- 15) Disaster Risk Management, MPH Program
- 16) Planning for Response phase, Disaster Management, MPH Program
- 17) Health Care in Disaster Management, MPH Program

Foreign Student Teaching: In English

- 1) Health Management in Emergencies and Disasters, MBBS
- 2) Introduction to disaster management cycle (1) , (2), Disaster Epidemiology short Course
- 3) Need and damage assessment (1) , (2), Disaster Epidemiology short Course
- 4) Civil Defenses and Disaster Management Fundamental, PHD program, Health in Disasters and Emergencies
- 5) Disaster Risk Assessment and Analysis, PHD program, Health in Disasters and Emergencies
- 6) Advanced Disaster Management, , PHD program, Health in Disasters and Emergencies



- 7) Communication and information management in disasters, PHD Program, Health in Disasters and Emergencies

Undergraduate Teaching

- 1) Method study & Work Management, BSc, Industrial management Program
- 2) Health care system Administration, BSc, Environmental Health Program
- 3) Health care system Administration, BSc, Public Health program

Training Workshop

- Training course: “Strengthening the use of qualitative evidence in decision making for health and social interventions: using GRADE-CERQual approach” 24-25 July 2018
- The first Seminar on " Health Policy and Education Management", May 2018
- 19th National Conference on Medical Education and 12th Shahid Motahari Educational Festival, May 2018

Books and National Documents (Persian):

- Public health for mass gatherings: key considerations, Shahid Beheshti University of Medical Sciences, (Translated in Persian) ISBN: 978-622-5946-65-1
- Health Care Center in Epidemics, Emergencies and Disasters, Shahid Beheshti University of Medical Sciences and National Emergency Organization, ISBN: 978-964-422-963-3
- Medical Education Reform and Innovation: A 4-Years Performance Report, Ministry of Health and Medical Education, ISBN: 9786001560798
- Reform on Health Higher Education Iran, Deputy of Education, Ministry of Health and Medical Education, 2015
- Strategic Document for Education Development in Medical Sciences based on Priorities, Ministry of Health and Medical Education, 2015
- "Health in the Islamic Republic of Iran 1977-2014", Targeted Development in Medical Education, ISBN 8-958-423-964-978



- Synopsis of Clinical Specialty, Subspecialty and Training Fellowship in the Islamic Republic of Iran Sep. 2012

Academic/ Administrative Activities

- Head of International Campus, Shahid Beheshti University of Medical Sciences, 2025- present
- Member of committee for convergency on Post graduate academic disciplines, Ministry of Health and Education, 2025- present
- Member of Associate Editors of Mass Gathering Medical Journal, 2024- present
- Member of Editorial Board of Trauma Monthly Journal, 2012- present
- Member of Scientific Committee of the 10th International Congress of Health in Disasters and Emergencies, Tehran, 2024.
- Member of the Scientific Committee of the 4th International Congress of Health in Mass gathering, Tehran, 2024.
- Member of the Scientific Committee of the 3rd International Congress of Health in Mass gathering, Tehran, 2023.
- Member of Scientific Committee of the 2sd International Congress of Health in Mass gathering, Tehran, 2022.
- Member of the Scientific Committee of the 1st International Congress of Health in Mass gathering, Tehran, 2019
- Member of Scientific Committee of the 9th International Congress of Health in Disasters and Emergencies, Tehran, 2019.
- Member of Scientific Committee of the 8th International Congress of Health in Disasters and Emergencies, Tehran, 2017.
- Member of Scientific Committee of the 7th International Congress of Health in Disasters and Emergencies, Tehran, 2016.
- Member of Scientific Committee of the 6th International Congress of Health in Disasters and Emergencies, Tehran, 2015.
- Successor of Secretary of Education Committee on Civil Defenses, Ministry of Health and Medical Education 2018- 2022



- Representative of Civil Defenses in Shahid Beheshti Medical University, 2018- 2022
- Member of Medical Education Reform Committee in Educational Deputy, Ministry of Health and Medical Education, 2017- 2021
- Monitoring and Evaluation Manager of Operational Plan between Education of Deputy and Universities of Medical Sciences affiliated of Ministry of Health and Medical Education, 2016- 2022
- Head of Research and Development Committee, Educational Deputy, Ministry of Health and Medical Education, 2014- 2022
- Head of Research and Development Committee, Secretary of Accreditation Council for Graduate Medical Education, Educational Deputy, Ministry of Health and Medical Education, 2012- 2014
- Quality Improvement and Administrative Reform expert, Health Deputy of Tehran University of Medical Sciences, 2004-2012
- Quality Improvement Expert, Quality Improvement Committee of Tehran University of Medical Sciences -2002-2004
- Nurse of Imam Khomeini Trauma Center's Wards : Hearth Surgery Operation Rooms, Orthopedic Surgery Rooms, Plastic Surgery and General Surgery Rooms, Emergency Operation Rooms, General Intensive Care Unit- 1996-2002

Areas of Interests

- Emergencies and Disasters in Human Mass gathering
- Public Health in Human Mass gathering
- Disaster Management with a concentration on Preparedness
- Education and Training in Higher Medical Sciences
- Disasters and Emergencies in Hospitals
- Strategic and Operational Planning