

Saeed Ghaneh

Assistant Professor, Department of Ergonomics

School of Public Health and Safety, Shahid Beheshti University of Medical Sciences



✉ saeedghaneh@sbmu.ac.ir

✉ saeedghaneh@yahoo.com

📍 Velenjak, Daneshjou Blvd, Tehran

📞 (+98) 9127035993

📞 (+98) 21-22432040-41

🔗 LINKS

[in https://www.linkedin.com/in/saeed-ghaneh-4979b755/](https://www.linkedin.com/in/saeed-ghaneh-4979b755/)

[📖 https://scholar.google.com/citations?user=MZBY354AAAAJ&hl=en](https://scholar.google.com/citations?user=MZBY354AAAAJ&hl=en)

🔍 RESEARCH INTEREST

- Rehabilitation ergonomics, Design for One, Design for specific groups, Elderly ergonomics
- Occupational biomechanics, lifting assessment tools, lifting techniques
- Psychosocial and organizational factors affecting Work-related Musculoskeletal Disorders, human well-being and performance

🎓 EDUCATION

- Tehran University of Medical Sciences, Tehran, Iran. [1/2016 – 9/2022]
School of Public health, Department of occupational health
Ph.D. in Ergonomics
Dissertation: “A Model for Estimating Cumulative Loads on the Spine During Manual Material Handling Tasks and Designing the Related Software”
- Shahid Beheshti University of Medical Sciences, Tehran, Iran. [9/2010 - 6/2013]
School of Health, Safety & Environment, Department of Ergonomics
M.Sc. in Ergonomics
Thesis: “The Relationship Between Organizational Factors and Work Schedule with Fatigue, Health and Social Well-being in Islamic Republic of Iran’s Railways Company Locomotive Conductors & Engineers”
- University of Social Welfare and Rehabilitation, Tehran, Iran. [9/2005 - 9/2009]
Department of Orthotics and Prosthetics

B.Sc. in Orthotics and Prosthetics

Thesis: “Lower Limb Prosthetics, Types and Application”

PROFESSIONAL WORK EXPERIENCES

- Shahid Beheshti University of Medical Sciences, Tehran, Iran [09/2022 – until now]
School of Health & Safety, Department of Ergonomics
Assistant Professor
- Consultant and executive member of aging ergonomics services in [05/2021 – until now]
The Developmental Center of Elderly Comprehensive Services
- Shahid Beheshti University of Medical Sciences, Tehran, Iran [01/2016 – 09/2022]
School of Health & Safety, Department of Ergonomics
Instructor
- Shahid Sadoughi University of Medical Sciences, Yazd, Iran [01/2015 – 09/2018]
School of Public Health, Department of Elderly Health
Part-time member
- Shahid Sadoughi University of Medical Sciences, Yazd, Iran [11/2014 – 01/2016]
School of Public Health, Department of Ergonomics
Instructor
- Head of standard compilation technical committee on compiling the national standard of “Ergonomics of Physical Environment- Evaluating the environment through investigating the environment including evaluating physical environment and subjective responses of people”- Standard No. 18376 [Mar. 2014]
- Head of standard compilation technical committee on compiling the national standard of “Ergonomics- Designing accessibility- Comparative characteristics of luminosity of color lamps depending on age of people”- Standard No. 18375 [Mar. 2014]
- Head of standard compilation technical committee on compiling the national standard of “Ergonomics of Physical Environment- Application of national standards for people with special needs”- Standard No. 18374 [Mar. 2014]
- Head of standard compilation technical committee on compiling the national standard of “Ergonomics of human system-interaction- Part 303: Requirements for electronic visual displays”- Standard No. 5241-303 [Feb. 2014]
- Head of standard compilation technical committee on compiling the national standard of “Ergonomics of human system-interaction- Part 154: Interactive voice response (IVR) application”- Standard No. 5241-154 [Feb. 2014]
- Head of administrative team on the project of “Ergonomics evaluation of assembly and supportive lines in SAIPA car manufacturing group” [Jan. 2014 - Sep. 2014]
- Ergonomic risks assessment and presenting corrective strategies in control rooms and water, electricity and steam part of Tehran oil refinery (Shahid Tondguyan) [Jan. 2014]

SOFTWARE EXPERIENCES

3DSSPP, CATIA, SolidWorks, Digimizer, VISIO, SPSS, Endnote, Mendeley, ICDDL



MEMBERSHIP

- Iranian Ergonomics Association
 - Board serving as a reserve member [08/2016 – 07/2021]
 - Inspector [08/2013 – 08/2016]
- Iranian Orthotics and Prosthetics Association
- Iranian Occupational Health Association

TEACHING ACTIVITIES

- **Shahid Beheshti University of Medical Sciences, Tehran, Iran**
 - Medical Informing Systems: from Fall Semester 2021 to present
 - Special Issues in Ergonomics (Co-lecturer): from Winter-Spring 2020 to present
 - Psychology in Ergonomics (Lecturer): from Fall Semester 2019 to present
 - Assessment Methods in Ergonomics (Lecturer): Fall Semester 2019
 - Human Factors Engineering 2 (Co-lecturer): Fall Semester 2018
 - Macroergonomics (Lecturer): from Winter-Spring 2017 to present
- **Tehran University of Medical Sciences, Tehran, Iran**
 - Principles and fundamental of Ergonomics (Co-lecturer): Fall Semester 2018
- **Shahid Sadoughi University of Medical Sciences, Yazd, Iran**
 - Environment, Elderly and Ergonomics (Lecturer): Fall Semester 2015 – 2017
 - Macroergonomics (Lecturer): Winter-Spring 2015
 - Assessment Methods in Ergonomics (Co-lecturer): Fall Semester 2015
 - Principles and fundamental of Ergonomics (Lecturer): Fall Semester 2014 - 2015
 - Human Factors Engineering 2 (Lecturer): Winter-Spring 2015
 - Principles of Hospital safety and Health (Lecturer): Fall Semester 2015

STUDENT ADVISING AND MENTORING

- Seyed Peyman Babaei, Master of Ergonomics [Sep. 2017- Jan. 2019]
Shahid Beheshti University of Medical Sciences, Tehran, Iran
Dissertation: Effects of Participatory Ergonomics Interventions on Psychosocial Factors and Musculoskeletal Symptoms of Operational workers of Paknam Company
Role: Co-advisor
- Yaser Sahranavard, Master of Occupational Health Engineering [Sep. 2016- Aug. 2018]
Shahid Sadoughi University of Medical Sciences, Yazd, Iran

Dissertation: The Relationship between Musculoskeletal Disorders Prevalence and Working Postures with the Mental Work Load of Sarcheshmeh Copper Complex Workers

Role: Co-supervisor

- Reza Abdi, Master of Ergonomics [Jan. 2016- Mar. 2018]

Shahid Sadoughi University of Medical Sciences, Yazd, Iran

Dissertation: Determination of Piloting Workload Assessment Index based on NASA-TLX Questionnaire

Role: Co-advisor

- Mohammad Aslani, Master of Ergonomics [Jan. 2016- Jan. 2018]

Shahid Sadoughi University of Medical Sciences, Yazd, Iran

Dissertation: Effect of Ergonomic Interventions on Workplace Musculoskeletal Risk Factors in a Stonecutting Industry, Yazd, Iran

Role: Main advisor

- Armin Paykari, Master of Ergonomics [Jan. 2016- Oct. 2017]

Shahid Sadoughi University of Medical Sciences, Yazd, Iran

Dissertation: The Usability Testing of ICU Ventilators of Arak Hospitals

Role: Main advisor

- Mojtaba Mokhtari, Master of Ergonomics [Jan. 2016- Oct. 2017]

Shahid Sadoughi University of Medical Sciences, Yazd, Iran

Dissertation: Effect of Ergonomic Training on Working Postures and Musculoskeletal Discomforts in Carpet Weavers of Boshruyeh City

Role: Main advisor

 **BOOK TRANSLATION AND AUTHORSHIP**

Authorship

No.	Title	Authors	Publication	Year	Cover Image
1	Work Psychology and Ergonomics	Shahnaz Tabatabaei, Saeed Ghaneh	Fadakh Isatis	In Press.	

2	Management in Technical Orthopedics	Kianoosh Abdi, Saeed Ghaneh	University of Social Welfare and Rehabilitation Sciences	2012	
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Translation

1	Occupational Ergonomics (Principles & Application)	Saeed Ghaneh , Amin Lefti	Fadakh Isatis	2018	
2	Ergonomics in Health Care and Rehabilitation	Saeed Ghaneh , Shahram Vosoughi	Fanavaran	2012	

PEER-REVIEWED JOURNAL PUBLICATIONS (*Corresponding author)

15. **Ghaneh-Ezabadi S**, Abdoli-Eramaki M*, Arjmand N, Abouhossein AR, Zakerian SA. The Validity and Inter-Rater Reliability of a Video-Based Posture-Matching Tool to Estimate Cumulative Loads on the Lower Back. *J Biomed Phys Eng.* 2022;12(4):417-430. doi: 10.31661/jbpe.voio.2203-1474
14. **Ghaneh-Ezabadi S**, Farahani-Nezamabadi L, Abdi K*, Saadat M, Zakerian SA. The impact of employment status and occupation type on occupational stress and general health of physically disabled employees in vocational centers of the State Welfare Organization of Tehran city: A cross-sectional study. *Archives of Rehabilitation.* 2021; 22(1): 66-85. doi.org/10.32598/RJ.22.1.3287.1
13. Mokhtari M, Halvani GH, Rahayi Z, Fallah H, **Ghaneh S**, Shamsi F. The prevalence of musculoskeletal discomforts and its relation with work posture in Carpet Weavers, Boshruyeh City. *Occupational Medicine Quarterly Journal.* 2019; 11(2): 34-43 (Persian).
12. Paykari A, Mazloumi A, Halvani GH, **Ghaneh S**, Mashayekhi M. Validation and reliability study of a ventilator usability assessment tool. *Occupational Medicine Quarterly Journal.* 2018; 10(3): 1-12 (Persian).
11. Sahranavard Y, **Ghaneh S**, Mirzaei M, Barkhordari A. The Relationship between Musculoskeletal Disorders and Working Postures with Mental Workload of Copper Complex Workers. *Occupational Medicine Quarterly Journal.* 2018; 10(1): 39-44 (Persian).
10. **Ghaneh S***, Sahranavard Y, Karami M, Karami Z. The Impact of Ergonomic Interventions on Human Whole-body Vibration of Heavy Machinery Drivers of Sarcheshmeh Copper Complex. *International Journal of Occupational Hygiene.* 2018; 10(2): 101-107.
9. Aslani M, Barkhordari A, Sadeghi Naeini H, Mehrparvar AH, **Ghaneh S**, Fallahzadeh H. Effect of Ergonomic Interventions on Workplace Musculoskeletal Risk Factors in a Stonecutting Industry, Yazd, Iran. *Occupational Medicine Quarterly Journal.* 2017; 9(4): 52-60 (Persian).

8. Tabatabaei Sh, Khani Jazani R, **Ghaneh S***. The Role of Age and Work Experience on Fatigue, Health, and Social Well-being of Employees; a Case Study of Iran Railway Transportation Employees. *Occupational Hygiene & Health Promotion Journal*. 2017; 1(1): 19-32 (Persian).
7. **Ghaneh S***. Aging Ergonomics: A Field with Inadequate Notice (Letter to Editor). *Elderly Health Journal*. 2016; 2(2): 89.
6. **Ghaneh S***. Usability Testing of Cushions Designed Specific for Car Industries' Assembly Lines. *Journal of Occupational Health and Epidemiology*. 2016; 3(3): 166-170.
5. **Ghaneh S***, Maghsoudi Z, Bigomi A. Validity and Reliability of Functional Assessment of Chronic Illness treatment (FACIT) Fatigue scale in a Persian-Speaking Population. *Elderly Health Journal*. 2015; 1(1): 32-35.
4. Khani Jazani R, Tabatabaei Sh, Kavousi A, **Ghaneh S**. Fatigue, Health and Well-being of Iran Railroad Locomotive Engineers and Conductors in Relation with Organizational Variables. *International Journal of Innovative Research in Technology and Science*. 2014; 2(5): 11-20.
3. **Ghaneh S**, Barkhordari A. Job Stress in Shift Workers and Non-Shift Workers of One of Yazd Dairy Industries. *Tolooe Behdasht*. 2014; 13(2): 64-72 (Persian).
2. Khani Jazani R, Tabatabaei Sh, Kavousi A, **Ghaneh S**. Relationship Between Organizational Factors and Work Schedule with Fatigue, Health and Social Well-being in Islamic Republic of Iran's Railways Company Locomotive Conductors & Engineers. *Quarterly Journal of Career & Organizational Counseling*. 2013; 5(16): 128-146 (Persian).
1. Tabatabaei Sh, **Ghaneh S**, Mohaddes H, Khansari M. Relationship of Job Satisfaction and Demographic Variables in Pars Ceram Factory Employees in Iran. *Procedia of Social and Behavioral Sciences*. 2013; 84: 1795-1800.

PEER-REVIEWED CONFERENCE PUBLICATIONS (*Presented by)

12. Aslani M, Barkhordari A, Sadeghi Naeini H, **Ghaneh S**, Fallahzadeh H. Effect of Engineering Interventions on Ergonomic Risk level in workstations of a Stonecutting. The 10th National Congress of Occupational Health and Safety. May 2017. Rasht, Gilan (Persian poster presentation).
11. **Ghaneh S***, Pandari Rezaei H, Mangoli M, Zamani M. Relationship between Perceived Social Support and General Health in Aging Women Refereeing to an Elderly House in Yazd. The 5th National Congress of Research in Health Development. Feb. 2017. Birjand (Persian poster presentation).
10. Pandari Rezaei H, **Ghaneh S**, Musavi Z, Shariat Kh. Relationship between Job Stress Status and Quality of Working Life in Elderly Taxi Driver of Yazd. The 5th National Congress of Research in Health Development. Feb. 2017. Birjand (C poster presentation).
9. Abbasi B, Babai mazreno A, **Ghaneh S***. Avowing the Comparative Ratio of Effective Influence in Emotional Intelligence among Factory Managers in Isfahan Province. The 2th International Iranian Ergonomics & The 2th Biennial Iranian Conference on Ergonomics. Oct. 2016. Shiraz (Persian poster presentation).
8. **Ghaneh S**, Aslani M. Safety and Ergonomics in Elderly's Home. The 1th International & The 4th National Congress on Gerontology and Geriatrics. Oct. 2015. Tehran (Persian oral presentation).
7. **Ghaneh S***. Ergonomic Evaluation of a Cushion Designed specific for Car Assembly Lines. The 9th National Congress of Occupational Health and Safety. Jun. 2015. Yazd (Persian oral presentation).

6. **Ghaneh S***, Pirani D. Effect of Quran on Mental Health, from Quran, Traditions and Scientific Studies Perspective. The 18th National Quran Festival for Students, Personnel and Professors of Medical Sciences Universities. Apr. 2013. Tehran (Persian oral presentation).
5. **Ghaneh S***, Kazemi M. Rehabilitation Ergonomics. The 1th Iran Conference on Robotic Rehabilitation. Jan. 2013. Tehran (Persian poster presentation).
4. Tabatabaei Sh, Khani Jazani R, **Ghaneh S***. The Empowerment Training Effectiveness on Life and Social Skills and Mental Health of Tehran Educated Women. The First Iranian International Conference in Women Health. Jun. 2012. Shiraz (Persian poster presentation).
3. Tabatabaei Sh, **Ghaneh S**, Mohaddes H, Khansari M. Relationship of Job Satisfaction and Demographic Variables in Pars Ceram Factory Employees in Iran. The 3th International Conference on Psychology and Counseling. Nov. 2012. Izmir, Turkey (Oral presentation).
2. Tabatabaei Sh, **Ghaneh S***. Relationship Between Job Satisfaction and Occupational Health with Demographic Variables among workers of one of the Iranian Industries. The First National Congress on Health, Safety and Environment. Nov. 2011. Tehran (Persian oral presentation).
1. **Ghaneh S***. Scoliosis and Its Orthotic Treatments. The 9th National Physiotherapy Congress on Spine. Dec. 2008. Tehran (Persian poster presentation).

HOLDING WORKSHOPS

No.	Title	Location/ Date	Hours	Participants
5	Caring People with Physical Limitations	Farrokhi Hospital Trauma Research center, Shahid Sadoughi University of Medical Sciences/08.12.2015	3	Nurses/ Caregivers
4	Research Methodology	School of Public Health, Shahid Sadoughi University of Medical Sciences/ Nov. & Dec. 2015 School of Health & Safety	10	Ergonomics MSc Students
3	Scientific Writing	(Health, Safety & Environment), Shahid Beheshti University of Medical Sciences/ 6-7.05.2013 School of Health & Safety	8	Ergonomics MSc Students
2	Word & Power point	(Health, Safety & Environment), Shahid Beheshti University of Medical Sciences/ 15-16.06.2010	8	Ergonomics MSc Students
1	Journal club on “Club foot and its Orthotic treatments”	SABA Training, Research & Rehabilitation center, University of Social Welfare and Rehabilitation/ 28.01.2008	4	Ergonomics MSc Students

JOURNAL REVIEWER

- WORK
- Elderly Health Journal
- Iranian Journal of Occupational Hygiene (IJOH)
- Archive of Occupational Health Journal
- Occupational Hygiene & Health Promotion Journal

EDITORIAL BOARD

- Elderly Health Journal

AWARDS AND SCHOLARSHIPS

- **Ph.D. Scholarship** (3.5 years) from Shahid Beheshti University of Medical Sciences to study at Tehran University of Medical Sciences for research in Ergonomics [2016-2020]
- **Elected research** in university stage of the 18th National Quran Festival for Students, Personnel and Professors of Medical Sciences Universities, Shahid Beheshti University of Medical Sciences, Tehran, Iran [April, 2013]
- **The Month elected book** (Ergonomics in health care and rehabilitation), Golbang monthly magazine, Shahid Beheshti University of Medical Sciences, Tehran, Iran, Vol. 1. & Issue 10 [June, 2012]
- **First and third ranks** in Hekmate Motahhar festival (First & second stages), University of Social Welfare and Rehabilitation, Tehran, Iran [2006-2007]