

CURRICULUM VITAE

Mahnaz Saremi

Associate Professor

Shahid Beheshti University of Medical Sciences

E-mail address: m.saremi@sbmu.ac.ir

Education:

Ph.D. (Ergonomics) Université Louis Pasteur, 2008

M.Sc. (Occupational Health) Tarbiat Modarres University, 2002

B.A. (Occupational Health) Tehran Medical University, 1994

Current Academic Position (from 2009):

Associate Professor, Department of Ergonomics, School of Public Health and Safety, Shahid Beheshti University of Medical Sciences.

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

Honors:

Graduate Excellence Award, Tarbiat Modarres University, 2002.

Elective Faculty member, the 11th University Educational Festival, 2016.

Academic Activities:

Head of Department of ergonomics, School of Public Health and Safety, Shahid Beheshti University of Medical Sciences.

Member of Iranian Ergonomics Association

Steering committee, Iranian Ergonomics Association

Scientific committee, Biennial Iranian Ergonomics Congress

Member, Global Network for Systematic Health Care (<http://www.systematiccare.net>)

Invited lecturer, National Women's Health promotion conference

Invited lecturer, National conference on Health promotion at the workplace

Invited lecturer, Occupational Medicine Continuous Educational Program

Peer reviewer for Academic Journals:

Iran Occupational Health Journal

Journal of Health System Researches

Journal of Ergonomics

International Research Journal of Public and Environmental Health

Articles:

Saremi M., Lahmi M. A. Faghih zadeh S. Effect of an ergonomic intervention on Musculoskeletal disorders among dentists. *Daneshvar*, 2002, 64: 55-62.

Saremi M., Khani R., Tassi P. Comparison of fatigue, quality and quantity of sleep among junior and senior shiftworkers, *Pejouhesh*, 2008, 32 (2): 135-139.

Saremi M., Grenèche J., Bonnefond A., Rohmer O., Eschenlauer A. Tassi P. Effects of nocturnal railway noise on sleep fragmentation in young and middle-aged subjects as a function of type of train and noise intensity. *International Journal of Psychophysiology*, 2008, 70(3): 184-191.

Saremi M., Rohmer O., Burgmeier A., Bonnefond A., Muzet A. Tassi P. Combined effects of noise and shiftwork on fatigue as a function of age. *International Journal of Occupational Safety and Ergonomics*, 2008, 14(4): 365-372.

Bonnefond A., **Saremi M.**, Rohmer O., Hoeft A., Eschenlauer A., Eschenlauer R., Muzet A. Tassi P. Effects of nocturnal railway noise on subsequent cognitive performance and subjective ratings. *Somnologie*, 2008, 12(2): 130-138.

Grenèche J., **Saremi M.**, Erhardt C., Hoeft A., Eschenlauer A., Muzet A., Tassi P. Severity of Obstructive Sleep Apnea Syndrome and subsequent EEG spectral power. *European Respiratory Journal*, 2008, 32(3): 705-709.

Tassi P., **Saremi M.**, Schimchowitsch S., Eschenlauer A., Rohmer O., Muzet A. Cardiovascular responses to railway noise during sleep in young and middle-aged adults. *European Journal of Applied Physiology*, 2010, 108: 671-680.

Hassanzadeh Rangi N, Allahyari T, Khosravi Y, Zaeri F, **Saremi M.** Development of an Occupational Cognitive Failure Questionnaire (OCFQ): Evaluation validity and reliability. *Iran Occupational Health*, 2012, 9(1):30-40.

Khani Jazani R., **Saremi M.**, Kavousi A., Shirzad H., Rezapour T. Different Scales of Fatigue in Traffic Policemen. *Police medicine*, 2012, 1(1): 1-10.

Saremi M., Khani Jazani R., Kavousi A., Rezapour T. Ergonomic evaluation of non-powered hand tools: introduction and validation in dentistry. *Daneshvar*, 2012, 100: 11-20.

Khani Jazani R., **Saremi M.**, Kavousi A, Monazam M.A., Abedi M. The effect of whole-body vibration on vehicle driver's reaction time and mental and physiological workload. *J Army Univ Med Sci.* 2012, 10 (4): 278-284.

Saremi M., Rezapour T. Non-auditory Effects Caused by Environmental Noise Pollution. *Journal of Kerman University of Medical Sciences*, 2013; 20(3): 312-325.

Saremi M., Fallah M.R. Subjective fatigue and medical errors among nurses in an educational hospital. *Iran Occupational Health*, 2013, 10(4): 1-8.

Saremi M., Khayati F. Evaluation of ergonomic risk of manual handling of patients with MAPO index and its relationship with incidence of low back pain among nurses. *Advanced Engineering Forum.* 2013, 10: 257-262.

Mokhtarinia H.R., Shiri H., **Saremi M.**, Reza-Soltani P., Dadkhah A. Assessment of effect of awkward seating postures on attention test performance while working with computer. *Razi Journal of Medical Sciences*, 2013, 20 (112): 36-44.

Saremi M., Khani Jazani R., Rezapour T., Kavousi A., Shirzad H. Effects of Traffic Noise Exposure on Police Officers' Sleep: Questionnaire Survey. *Police medicine*, 2013, 2(3): 193-200.

Naserpour M., Jafari M. J., Monazzam M. R., Pouragha shahneshin H. R., **Saremi M.**, Jambar sang S. A study of students' cognitive performance under noise exposure, using Continuous Performance Test. *Journal of Health and Safety at Work*, 2013, 4 (1): 41-54.

Khani Jazani R., **Saremi M.**, Rasouli Kahaki Z., Sanjari M. A., Kavousi A. Effect of flooring and footrest on discomfort in prolonged standing activities. *Iran Occupational Health*, 2014, 11 (3): 10-21.

Khayati F., Nasr Esfahani M., Firoozeh M., Kavousi A, **Saremi M.** Predictive factors of neck pain in dentists. *Journal of Ergonomics*, 2014, 2 (3): 24-32.

Khani Jazani R, **Saremi M**, Rezapour T, Kavousi A, Shirzad H. Influence of traffic related noise and air pollution on self reported fatigue. *International Journal of Occupational Safety and Ergonomics*, 2015, 21 (2): 193-200.

Firoozeh M., **Saremi M.**, Maleki A., Kavousi A. Evaluation of Maximal aerobic capacity (VO2 max) and its related factors in Firefighters. *Iran Occupational Health*, accepted, 2015, 12 (3): 15-26.

Khayati F., **Saremi M.**, Firoozeh M., Kavousi A. Evaluation of the relationship between forward head posture with static and dynamic postural stability impairment among dentists, *Razi Journal of Medical Sciences*, 2015, 23 (145): 1-11.

Moosavi F., **Saremi M.**, Alibabaie A. The effect of assembly process redesign on efficiency and human factors. *Iran Occupational health*, 2015, 12 (6): 1-15.

Saremi M., Abdollahi M.B. General Health Status and Accident Proneness Among Construction Workers, *Advances in Environmental and Occupational Safety and Health*, 2015, 1 (1): 9-12.

Saremi M., Firoozeh M., Kavousi A., Khayati F. Postural Stability of Dentists With and Without Forward Head Posture, *Advances in Environmental and Occupational Safety and Health*, 2015, 1 (1): 22-29.

Hassanzadeh Rangi N., Khosravi Y., **Saremi M.**, Jafari M.J. Mental Workload and its Relation with Fatigue among Urban Bus Drivers, *Journal of Occupational Hygiene Engineering*, 2016, 4 (1): 66-74.

Saremi M., Pakghohar A., Saremi M. Work ability and its relation with productivity in bank staff, *Iran Occupational health*, 2017, 13 (6): 71-78.

Firouzeh M., **Saremi M.**, Kavousi A., Maleki A. Demographic and Occupational Determinants of Work Ability in Firemen, *Journal of Occupational Health*, 2017, 59: 81-87.

Taheri F., Kavousi A., Faghihnia Torshizi Y., Farshad A.A., **Saremi M.** Validity and reliability assessment of Persian version of system usability scale for traffic signs, *Iran Occupational health*, 2017, 14 (1): 13-22.

Pakghohar A., Pouyakian M., Shaheri A., **Saremi M.** Evaluation of ergonomic condition of Gazvins' governmental hospitals using prioritization approach, *Iran Occupational health*, 2017, 14 (3): 84-94.

Saremi M., Kazemaghghi M. The situation of anthropometric databank in Iran: a review study, *Iran Occupational health*, 2017, 14 (4): 106-117.

Naderi E., Keshavarz Mohammadi N., Sabour S., **Saremi M.**, Khakpur M. Comparing the effectiveness of the two different education methods on musculoskeletal pain and functional disability among teachers living in Savojbolagh city, Iran. *International of Musculoskeletal Pain Prevention*, 2017, 2(3): 299-306.

Qasemi R., **Saremi M.**, Kavousi A. Relation between maximum aerobic capacity with cognitive ability and academic performance, *Iran Occupational health*, 2018, 15 (1): 99-106.

Sadeghian F., Karbakhsh M., **Saremi M.**, et al. The effect of hands-free cell phone conversation on psychomotor performance required for safe driving: A quasi-experimental study, *Arch Neurosci*, 2018, 5(2): e64886.

Taheri F., **Saremi M.**, Faghihnia Torshizi Y. Validity and reliability of the Persian version of cognitive features questionnaire of symbolic signs (with the use of traffic signs), *Iran Occupational health*, 2018, 15 (2): 21-28.

Pouyakian M., **Saremi M.**, Etemad K., Shafagh H. Investigation of Ergonomic Issues of Pharmacies: Conducted Qualitative study, *Journal of Health and Safety at Work*, 2018, 8 (3): 265-283.

Ghasemzadeh P., Tabatabaei Sh., Kavousi A., **Saremi M.** The Relationship Between the Ergonomic Situation of the Workstations and Musculoskeletal Disorders With the Quality of Work Life And Demographic Variables in the Administrative Staff of the Tehran Municipality, *Journal of Ergonomics*, 2018, 5 (3): 1-11.

Sadeghian F., Karbakhsh M., **Saremi M.**, et al. Do hands-free cell phone conversation while driving increase the risk of cognitive distraction among drivers? A cross-over quasi-experimental study. *Iran Red Crescent Med J.* 2018, 20 (1): e12934.

Saadat S., Karbakhsh M., **Saremi M.**, et al. A prospective study of psychomotor performance of driving among two kinds of shift work in Iran, *Electronic physician*, 2018, 10 (2): 6417-6425.

Saremi M., Khayati F., Mousavi F. Validity and reliability of the Chester step test for prediction of the aerobic capacity among Iranian students. *Journal of Occupational Health and Epidemiology*, 2018, 7 (1): 37-43.

Saremi M., Kazemaghghi M. Anthropometric estimates of Iranian general population. *Iranian journal of public health*, 2019, accepted, In press.

Rostamzadeh S., saremi M., Tabatabaie SH. Normative hand grip strength and prediction models for Iranian office employees. *Work*, 2019, accepted, In press.

Published abstracts in international congress proceedings:

Saremi M., Rohmer O., Burgmeier A., Bonnefond A., Muzet A. Tassi P. Combined effects of noise and shiftwork on fatigue as a function of age. 2006, *Journal of Sleep Research*, Vol 15, Suppl. 1, p. 131.

Saremi M., Grenèche J., Bonnefond A., Rohmer O., Eschenlauer A. Tassi P. Sleep related arousals caused by different types of train. *Journal of Sleep Research*, 2008, Vol. 17., Suppl. 1, p. 394.

Schimchowitsch S., Rohmer O., Bonnefond A., **Saremi M.**, Grenèche J., Philip P., Tassi P. Sleep pressure and subjective fatigue in healthy snorers and non snorers after acute and chronic partial sleep deprivation. *Journal of Sleep Research*, 2008, Vol. 17., Suppl. 1, p.402.

Khani Jazani R, **Saremi M**, Kavousi A, Shirzad H, Rezapour T. Exposure to air pollution and subjective fatigue among traffic policemen in Tehran, Iran. Proceeding of International congress on environmental health, 2012, p. 23.

Saremi M., Faghihnia Torshizi Y., Rostamzadeh S., Taheri F. How Much Traffic Signs in Iran Are Usable? A Use of System Usability Scale (SUS). *Advances in Intelligent Systems and Computing* 825, 2019, pp. 900-904. Springer, Cham.

Saremi M., Rostamzadeh S. Hand Dimensions and Grip Strength: A Comparison of Manual and Non-manual Workers. *Advances in Intelligent Systems and Computing* 826, 2019, pp. 520-529. Springer, Cham.

Presentation in National and International Congress:

Ergonomic education for dental workers, Montazeri dental clinic, Tehran, 2002.

Health-centered dentistry: ergonomic approach, 6th national dental congress, Tehran, 2011.

Ergonomic interventions in dentistry, 14th international dental congress, Tehran, 2002.

Combined effects of shiftwork, noise and age on fatigue. *4^{ème} rencontre des Ecoles Doctorales Vie et Santé de l'Université Louis Pasteur et de l'Université Charles de Prague*, Tchéquie, 9- 12 mai 2007.

Effets combinés du bruit et du travail posté sur la fatigue en fonction de l'âge : analyse subjective, *22^{èmes} journées franco-suissees de santé au travail*, Besançon, 7-8 juin 2007.

Evaluation des effets du bruit de différents types de train sur le sommeil en fonction de l'âge des sujets. *6^{èmes} journées annuelles du GDR 2493 « Bruit des transports »*, Marseille, 16-17 janvier 2008.

Diurnal fluctuations in cognitive performance during noise exposure: interaction of age and shiftwork. *4th International Conference of Cognitive Science*, Tehran, 10-12 may 2011.

General health status and accident proneness among construction workers. *2th International Conference on Ergonomics*, Kuala Lumpur, Malaysia, 3-4 September 2013.

Job satisfaction, Stress, Workload and Cognitive errors in relation to subjective fatigue. *5th International Conference of Cognitive Science*, Tehran, 7-9 may 2013.

Polysomnographic fluctuations due to noise exposure, 6th Congress on sleep disorders, Tehran, 2013.

Evaluation of pressure on neural cord with clinical Slump test among nurses to compare with hospital office workers, the 14th national and the 1th international seminar in specific spinal physical therapy, Tehran, 25-26 December 2013.

Teaching:

Lecture course on Human Factors for B.A., MSc and PhD students.

Lecture course on “introduction to ergonomics”, “Cognitive ergonomics”, “Evaluation methods in Ergonomics”, “Special Topics in ergonomics” and “Anthropometry”.

Lecture course on “Human factors for safety engineers”.

Workshop attendance:

Sustainable Development, Université Louis Pasteur, 2007.

Circadian rhythms and metabolism, Neurex, Strasbourg, 2006.

Polysomnography, Hôpital civil, Strasbourg, 2007.

Clinical research, Université Louis Pasteur, 2007.

Surface Electromyography, Biomechanical research centre, Tehran Medical University, 2011.

Cardio-pulmonary exercise testing, University of Social Welfare and Rehabilitation Sciences, 2010.

Teaching skills in different size groups, Shahid Beheshti University of Medical Sciences, 2014.

Other:

Language: Persian, English, French