

Maryam Maghsoudipour

Department of Ergonomics,
University of Social Welfare & Rehabilitation Sciences,
Tehran, Iran (19857-13834)
Telephone: (+ 98) 21 22 18 0119
E-mail: maryammaghsoudi@yahoo.com
drmaghsoudi@uswr.ac.ir

Education

2010-2011 University of Los Angeles California (**UCLA**), International fellow in sleep medicine
2000 –2003 Tehran University of Medical Science (**TUMS**), resident in occupational medicine
1992 –2000 Tehran University of Medical Science (**TUMS**), medical student
1988–1992 Farzanegan (Exceptional Talents – **NODET**) high school in Tehran, student in natural science discipline

Ranks

11th rank in all-over-the-country examination for university entrance(1992)

Summary of qualifications

- Board of Registered Polysomnography Technologist from BRPT(USA)-2011.
- Board certification in occupational medicine from TUMS-2003.
- Doctoral of medicine from TUMS -2000.
- Natural science diploma from **National Organization for Development of Especial Talents (NODET)**-1992

Academic Experience

- Teaching weekly undergraduate and postgraduate seminars in USWR: 2006-2014.
Work physiology, Industrial hygiene and Occupational diseases, Cognitive ergonomics, Anthropometry and biomechanics, General physiology, Anatomy
- Guiding the students in seminar course
- Guiding the students in their field education
- Guiding the students in work physiology lab
- Management of “University and Industry Association Office” USWR - 2005-2007.

Professional Activities

- Cooperation in writing and acceptance of “**Ergonomics Curriculum**” by Health ministry for the first time in Iran – 2004-2006.
- Establishment of “Ergonomics Lab” in USWR – 2007-2008.
- Faculty member in University of Social Welfare and Rehabilitation Sciences (USWR) – 2006-2014.
- Head of “Ergonomics Department” USWR – 2009-2010.
- Practicing in **musculoskeletal** medicine clinic in “Saba” Centre USWR - 2004-2007.
- Practicing in **Geriatric medicine** clinic in “Rofeide” Hospital USWR - 2008-2009.
- Practicing in **sleep medicine** clinic in “Rofeide” Hospital USWR - 2011-2012 and 2014.
- Practicing as an occupational medicine specialist in “*Ramaz*” clinic – 2004-2008.
- Practicing as an occupational medicine specialist in “*Cheshmandaz kar salem*” clinic – 2009-2010.

Student projects supervised

- Survey of heel height effect in gait kinematic parameters-2008.
- Biomechanics of knee osteoarthritis-2009.
- EMG models for predicting muscular forces in human movement-2009.
- Safety climate and ergonomic behavior association-2009
- Study of human errors by CREAM technique in a control room-2009.
- The effect of change in the design of shoe's sole on the human stability during walking-2009.
- Comparison of sleep and mental performance between 8 hrs and 12 hrs shift workers in an oil factory- 2011-2014.

Grants

- Prevalence evaluation of CTS in industrial workers and association of occupational and non-occupational risk factors. USWR-2004-06.
- Psychosocial and occupational factors for being hand injured in an occupational accident. USWR-2006-08.
- The effect of computer keyboard slope on the upper extremity motion of typists without musculoskeletal disorders. USWR-2009-2010.
- Survey of association between safety climate and workers' ergonomic behavior in the work place. National Petrochemical Company (NPC)-2009.

Publications

1. F Karimian , M Maghsoudipour .**Accuracy of surgeons' diagnosis during parathyroidectomy in patients with hyperparathyroidism.** Yaft-e (Research Journal of Lorestan University). 2001; 5(17):51-7.
2. S. Moghimi, A. Mirshahi, A. Lasheie, M. Maghsoudipour, A. Beheshtnejaad. **Biometric Indices evaluation in central retinal vein occlusion using partial coherence laser interferometry.** European Journal of Ophthalmology. 2007; 17(3):383-7.
3. M Riazi Esfahani ,S Moghimi ,M Maghsoudipour .**Visual function after Implantation of aniridia intraocular lens for traumatic aniridia in vitrectomized eye.** European Journal of Ophthalmology. 2007; 17(4):660-5.
4. S. Moghimi, Z. Najmi, H. Faghihi, R. Karkhane, M. Farahvash, M. Maghsoudipour. **Hyperhomocysteinemia and central retinal vein occlusion in Iranian population.** International Ophthalmology.2008;28:23-8.
5. M. Maghsoudipour ,S. Moghimi , F. Dehghan ,A. Rahimpanah. **Association of Occupational and Non-occupational Risk Factors with the Prevalence of Work Related Carpal Tunnel Syndrome.** *Journal of Occupational Rehabilitation.*2008;18(2):152-6.
6. M Maghsoudipour, Z Sarfaraz. **Industrial workers with occupational hand injury from Tehran factories.** *Work.* 2011; 40(2):211-5.
7. Maghsoudipour M, Saberi HR, Moravveji AR. **Occupational and non-occupational risk factors in occupational hand injuries.** *Feyz, Journal of Kashan University of Medical Sciences.* **2011;14(5) 494-499.**
8. M. Khandan, M. Maghsoudipour, Sh. Vosoughi. **Ranking of Working Shift Groups in an Iranian Petrochemical Company Using ELECTRE Method Based on Safety Climate Assessment Results.** *Journal of the Chinese Institute of Industrial Engineers.* 2011; 28(7):537-54.

Publications

9. A. Mazlomi, M. Hamzeiyan ziarane, A. Dadkhah, M.Jahangiri, M. Maghsoudipour, P. Mohadesy, M. Ghasemi. **Assessment of human errors in an industrial petrochemical control room using the CREAM Method with a cognitive ergonomic approach.** Journal of School of Public Health and Institute of Public Health Research.2011; 8(4):15-30.
10. M. Maghsoudipour, O. Aminian, P. Mansouri. **Occupational risky exposure in vitiliginous patients.** Occupational Medicine. 2012; 3(4):33-8.
11. M. Khandan, M. Maghsoudipour, Sh. Vosoughi. **Evaluation of importance of ergonomic behaviors in an Iranian petrochemical company by Entropy.** Occupational Medicine. 2012; 4(1-2):1-8.
12. M. Khandan, S. Roshanzamir, M. Maghsoudipour. **Survey of work load and job satisfaction in a heavy metal manufacturing company.** Iran Occupational Health.2012; 9(1): 30-6.
13. M. Khandan, M. Maghsoudipour, Sh. Vosoughi. **Ergonomic Behaviors Analysis in an Iranian Petrochemical Company Using the ELECTRE Method.** Iranian Rehabilitation Journal.2012; 12(15):15-20.
14. M. Khandan , M. Maghsoudipour ,Sh. Vosoughi Sh.**Ergonomic Behavioral and Workers' Safety Perception in a Khuzestan Petrochemical Company.** Iranian Rehabilitation Journal.2012; 12(15):26-30.
15. M. Khandan, Sh. Vosoughi, M. Maghsoudipour. **Evaluation of Safety Climate Factors – a Macroergonomic Approach : A case study in Iran.** Iranian Rehabilitation Journal.2012; 12(15): 43-6.

Publications

16. S. Moghimi, A. Ahmadraji, H. Sotoode, Kh. Sadeghniaat , M. Maghsoudipour , Gh. Fakhraie , G. Latifi , N. Nassiri, J.A. Giaconi. **Retinal nerve fiber Thickness is reduced in sleep apnea syndrome.** Sleep medicine. 2013; 14(1):53-7.
17. M. Ziaei, S.F. Tabatabai Ghomshe, H.R. Mokhtarinia, M. Maghsoudipour, M. Hamzeiyan Ziyarani. **The effect of change in the design of shoe's sole on the human stability during walking.** Razi Journal of Medical Sciences. 2013; 19(105): 46-52.
18. M. Khandan, M. Maghsoudipour, Sh. Vosoughi, A. Kavousi. **Safety Climate and Prediction of Ergonomic Behavior.** International Journal of Occupational Safety and Ergonomics (*JOSE*). 2013;19(4): 523–530.

Continuing Education

- Sleep Research Society Training Courses, Minneapolis – 2011.
- Motions capture analyzing training course in Vicon Company, Oxford -2006.
- Sport physiology workshop in National Olympic Academy of IRI - 2004.
- Work station design course, USWR and Lulea University of Technology – 2003.
- Passing Master of Public Health (**MPH**) course in TUMS (Tehran University of Medical Sciences) - 2001.

Presentations

1. Depression in Shift Workers in Comparison with Day Workers. **Poster** presentation in SLEEP 2011. Minneapolis -2011.
2. The Evaluation of Safety climate between working shift groups in process industry by ELECTRE Method. **Poster** presentation in 10th International Symposium on Human Factors in Organisational Design and Management , Grahamstown, Eastern Cape, South Africa-2011.
3. Occupational and Non-occupational Risk Factors in Occupational Hand Injuries. **Poster** presentation in the 4th national conference of occupational and environmental medicine - 2010.
4. Occupational biomechanics in musculoskeletal disorders: **Oral** presentation in the 4th national conference of occupational and environmental medicine - 2010.
5. Ankle instability in sportsmen and its effects on gait. **Oral** presentation in the 16th Iranian conference on Biomedical Engineering - 2010.
6. Diagnostic value of clinical tests in carpal tunnel syndrome: **Oral** presentation in the 19th World Congress of Neurology .Bangkok - 2009.
7. Occupational Carpal Tunnel Syndrome: **Poster** presentation in the 11th Iranian Congress of Physical Medicine, Rehabilitation & Electro diagnosis - 2008.
8. Occupational epidemiology in MS: **Poster** presentation in the 3rd international congress on multiple sclerosis Isfahan - 2006.
9. Audiometry and occupational hearing loss: **Oral** presentation in occupational medicine training course for GPs -2006
10. Implantation of aniridia intraocular lens for traumatic aniridia in vitrectomized eye. Electronic **Poster** Presentations ESCRS London - 2006.

Presentations

11. Return to work after low back pain :**Oral** presentation in the 6th seminar in specific spinal physical therapy -2005
12. Common error sources in audiometer: **Workshop** in the 2nd national summit on noise, health & development-2005
13. Rehabilitative ergonomics - **Workshop** in 11th Iranian congress of occupational therapy - 2005
14. Occupational exposure in vitiliginous patients: **Poster** presentation in 2nd occupational medicine congress-2005
15. Prevention of occupational low back pain: **Poster** presentation in 1st international congress of minimally interventional spinal treatment -2005
16. Biomechanics of manual material handling: **Oral** presentation in the 5th seminar in specific spinal physical therapy -2004.
17. Workshops of ergonomics for physical therapists-2004
18. Workshops of ergonomics for occupational therapists -2004

Academic and Professional Societies

- Iranian Scientific Association of sleep medicine (inspector of association)
- Iranian Scientific Association of occupational and environmental medicine

Interests

Sleep medicine
Shift work

Work physiology
musculoskeletal disorders