

Curriculum Vitae



Name and Surname: Alireza Choobineh
Scientific Degree: PhD in Occupational Health and Ergonomics
Scientific Position: Professor
H-index: 11
Place of Work: Department of Occupational Health and Ergonomics, School of Health, Shiraz University of Medical Sciences
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Presentations in English:

- 1- **Choobineh, A.R.**, Amirzadeh, F. (1997). Evaluation of Occupational exposure to static magnetic field in a chloralkali plant. In: *Proceedings of the 3rd International Epidemiological association Eastern Mediterranean Regional Scientific Meeting*. Beirut, Lebanon. October 22-25.
- 2- Rajaeefard, A.R., **Choobineh, A.R.**, Samsnia, S.J., Chabokrow, A., Shenasa, A. (2000). Shift work related problems in hospital staff of Shiraz University of Medical Sciences (SUMS), Iran. In: *Proceedings of the 5th International Epidemiological Association Eastern Mediterranean Regional Scientific Meeting*. Bahrain, October 23-25.
- 3- **Choobineh, A.R.** (2001). Ergonomics of carpet restoration: Postures, MSDs and corrections. In: *Proceedings of Applications of Human Performance in Health and disability*. Cairo/Egypt, p. 48-58.
- 4- **Choobineh, A.R.**, Tourani, S., Heidarian, K., Gharahgozloo, F. (2002). Ergonomic workstation evaluation in clinical laboratories of KUMS and its relation to musculoskeletal problems and productivity. In: *Proceedings of the 3rd International Cyberspace Conference on Ergonomics*, South Africa, p. 421-434.
- 5- **Choobineh, A.R.**, Lahmi, M.A., Hosaini, M., Khani Jazani, R., Jamali, M., Rezaee Gorji, Z. (2003). Musculoskeletal problems and corrective measures in Iranian hand-woven carpet industry. In: *Proceedings of the XVth Triennial Congress of the International Ergonomics Association and the 7th Joint Conference of Ergonomics Society of Korea/Japan Ergonomics Society*. Seoul, Korea. vol. 7, p. 270-3.

6- Rajaeefard, A.R., Neghab, M., **Choobineh, A.R.** (2005). An epidemiological survey on shift work problems among health care workers of Shiraz University of Medical Sciences. *In: Proceedings of the 17th International Epidemiological Association World Congress of Epidemiology*. Bangkok, Thailand. August 21-25, 2005.

7- Neghab, M., **Choobineh, A.R.** (2007). Urinary mercury levels and associated symptoms in personnel of Shiraz dental clinics. *In: Proceedings of the 9th Iranian Congress of Toxicology*. Shiraz, Iran. May 15-17, 2007. p:71-72.

8- Neghab, M., **Choobineh, A.R.** (2007). Respiratory effects of occupational exposure to man made vitreous fibers among employees of a fiberglass industry in Shiraz. *In: Proceedings of the 9th Iranian Congress of Toxicology*. Shiraz, Iran. May 15-17, 2007. p:32-33.

9- Neghab, M., **Choobineh, A.R.** (2007). Urinary mercury levels as a biological exposure index in biomonitoring of the personnel of dental clinics. *In: Proceedings of the 13th International Symposium on Toxicity Assessment*. Toyama, Japan. August 19-24, 2007. p:172.

10- Movahed, M., **Choobineh, A.R.**, Tabatabaie, S.H.R., Kumashiro, M. (2007). Musculoskeletal Problems among Surgical Technicians of Shiraz city Hospitals. *In: Proceedings of the 8th Pan-Pacific Conference on Occupational Ergonomics (PPCOE 2007)*. Bangkok, Thailand. October 17-19, 2007.

11- **Choobineh, A.R.**, Ghaem, H., Ahmadi Nejad, P. (2008). Development of the Persian version of the Job Content Questionnaire: assessment of job stress among hospital nurses of Shiraz city. *In: Proceedings of the 1st International Conference on Ergonomics*. Tehran, Iran. May 7-8, 2008.

12- **Choobineh, A.R.**, Soltanzadeh, A., Tabatabai, S.H.R., Jahangiri, M. (2012). Shift work and its related health problems in petrochemical industries. *In: Proceedings of the 1st Qatar Petroleum Occupational Health Conference*. Doha, Qatar. March 20-21, 2012.

13- **Choobineh, A.R.**, Aghabeigi, M., Tabatabai, S.H.R., Asadi, S., Javadpour, F., Soltanzadeh, A. (2013). Assessing the Impact of Shift Schedule Change from 12-Hour to 8-Hour Pattern on Prevalence of Health Problems in a Petrochemical Company. *In: Proceedings of the 2nd Qatar Petroleum Occupational Health Conference*. Doha, Qatar. November 19-21, 2013.

Publications:

English articles:

1- Mououdi, M.A., **Choobineh, A.R.** (1997). Static anthropometric characteristics of students age range six-11 in Mazandaran province/Iran and school furniture design based on ergonomics principles. *Applied Ergonomics*, 28(2), 145-147.

- 2- Golbabai, F, **Choobineh, A.R.**, Mahmoodi, M. (1999). Ozone and nitrogen oxides concentration in various arc welding processes. *Journal of Environmental sciences and Technology, pre-No.*, 59-68.
- 3- Golbabai, F, **Choobineh, A.R.**, Mahmoodi, M. (2000). Concentration of gaseous and particulate fluoride in submerged and manual metal arc welding processes. *Journal of Environmental sciences and Technology, No.4*, 9-15.
- 4- **Choobineh, A.R.**, Shahnavaaz, H., Lahmi, M.A. (2004). Major health risk factors in Iranian hand-woven carpet industry. *International Journal of Occupational Safety and Ergonomics*, 10(1), 65-78.
- 5- **Choobineh, A.R.**, Lahmi, M.A., Shahnavaaz, H., Khani Jazani, R., Hosseini, M. (2004). Musculoskeletal symptoms as related to ergonomic factors in Iranian hand-woven carpet industry and general guidelines for workstation design. *International Journal of Occupational Safety and Ergonomics*, 10(2), 157-168.
- 6- **Choobineh, A.R.**, Hosseini, H., Lahmi, M.A., Sharifian, S., Hashemi Hosaini, A. (2004). Weaving Posture Analyzing System (WEPAS): Introduction and validation. *International Journal of Industrial Ergonomics*, 32(2), 139-147.
- 7- **Choobineh, A.R.**, Tosian, R., Alhamdi, Z., Davarzanie, M.H. (2004). Ergonomic intervention in carpet mending operation. *Applied Ergonomics*, 35, 493-496.
- 8- **Choobineh, A.R.**, Lahmi, M.A., Hosseini, M., Shahnavaaz, H., Khani Jazani, R. (2004). Workstation design in carpet hand-weaving operation: Guidelines for prevention of musculoskeletal disorders. *International Journal of Occupational Safety and Ergonomics*, 10(4), 411-424.
- 9- **Choobineh, A.R.**, Amirzadeh, F. (2005). Health effects of occupational exposure to static magnetic field in a chloralkali plant. *Indian Journal of Occupational and Environmental Medicine*, 9(2), 76-79.
- 10- **Choobineh, A.R.**, Rajaeefard, A., Neghab, M. (2006). Problems related to shift work for health care workers at Shiraz University of Medical Sciences. *Eastern Mediterranean Health Journal*, 12(3/4), 340-346.
- 11- Neghab, M., Rajaeefard, A. Habibi, M., **Choobineh, A.R.**, (2006). Home accidents in rural and urban areas of Shiraz, 2000-02. *Eastern Mediterranean Health Journal*, 12(6), 824-833.
- 12- **Choobineh, A.R.**, Rajaeefard, A., Neghab, M. (2006). Association between perceived demands and musculoskeletal disorders among hospital nurses of Shiraz University of Medical Sciences: a questionnaire survey. *International Journal of Occupational Safety and Ergonomics*, 12(4), 409-416.
- 13- **Choobineh, A.R.**, Golbabai, F. (2006). Estimation of heat stress in a biscuit producing factory by using Required Sweat Rate index. *Asian Journal of Ergonomics*, 7(1/2), 1-10.

- 14- **Choobineh, A.R.**, Tabatabaei, S.H.R., Tozihian, M., Ghadami, F. (2007). Musculoskeletal problems among workers of an Iranian communication company. *Indian Journal of Occupational and Environmental Medicine*, 11(1), 32-36.
- 15- Rajaeefard, A.R., Mohammadi, M., **Choobineh, A.R.** (2007). Preterm delivery risk factors: a prevention strategy. *Eastern Mediterranean Health Journal*, 13(3), 551-559.
- 16- **Choobineh, A.R.**, Hosseini, M., Lahmi, M.A., Khani Jazani, R., Shahnavaaz, H. (2007). Musculoskeletal problems in Iranian hand-woven carpet industry. *Applied Ergonomics*, 38(5), 617-624.
- 17- Motamedzade, M., **Choobineh, A.R.**, Mououdi, M.A., Arghami, S. (2007). Ergonomic design of carpet weaving hand tools. *International Journal of Industrial Ergonomics*, 37(7), 581-587.
- 18- Neghab, M., **Choobineh, A.R.** (2007). Work-related respiratory symptoms and ventilatory disorders among employees of a cement industry in Shiraz, Iran. *Journal of Occupational Health*, 49(4), 273-278.
- 19- **Choobineh, A.R.**, Tabatabaei, S.H.R., Mokhtarzadeh, A., Salehi, M. (2007). Musculoskeletal problems among workers of an Iranian rubber factory. *Journal of Occupational Health*, 49(5), 418-423.
- 20- Neghab, M., **Choobineh, A.R.** (2008). Evaluation of potential toxic effects of occupational inhalation exposure to licorice root dust. *Toxicological and Environmental Chemistry*, 90 (3), 467-474.
- 21- Zamanian Ardekani, Z., Kakooei, H., Ayattollahi, S.M.T, **Choobineh, A.R.**, Nasle Seraji, G. (2008). Prevalence of mental disorders among shift work hospital nurses in Shiraz, Iran. *Pakistan Journal of Biological Sciences*, 11 (12), 1605-1609.
- 22- Karimfar, M.H., Shokri, S., Gholami, M.R., Bayat, A., Moosavinasab, N., **Choobineh, A.R.** (2008). Musculoskeletal problems among workers of an Iranian zinc industry. *Pakistan Journal of Biological Sciences*, 11 (24), 2670-2674.
- 23- **Choobineh, A.R.**, Peyvandi Sani, G.R., Sharif Rohani, M., Gangi Pour, M., Neghab, M. (2009). Perceived demands and musculoskeletal symptoms among employees of an Iranian petrochemical industry. *International Journal of Industrial Ergonomics*. 39(5), 766-770.
- 24- **Choobineh, A.R.**, Tabatabaei, S.H.R., Behzadi, M. (2009). Musculoskeletal problems among workers of an Iranian sugar producing industry. *International Journal of Occupational Safety and Ergonomics*. 15(4), 419-424.
- 25- **Choobineh, A.R.**, Movahed, M., Tabatabaie, S.H.R., Kumashiro, M. (2010). Perceived demands and musculoskeletal disorders in operating room nurses of Shiraz city hospitals. *Industrial Health*. 48, 74-84.

- 26- Neghab, M., Soltanzadeh, A., **Choobineh, A.R.** (2011). Respiratory Morbidity Induced by Occupational Inhalation Exposure to Formaldehyde. *Industrial Health*. 49, 89-94.
- 27- Neghab, M., **Choobineh, A.R.**, Hassan Zadeh, J., Ghaderi, E. (2011). Symptoms of Intoxication in Dentists Associated with Exposure to Low Levels of Mercury. *Industrial Health*. 49, 249-254.
- 28- **Choobineh, A.R.**, Ghaem, H., Ahmadi Nejad, P. (2011). Validity and reliability of the Persian version of the job content questionnaire: A study among hospital nurses. *Eastern Mediterranean Health Journal*. 17(4), 335-341.
- 29- **Choobineh, A.R.**, Soltanzadeh, A., Tabatabaie, S.H.R., Jahangiri, M., Neghab, M., Khavaji, S. (2011). Shift Work-related Psychosocial Problems in 12-hour Shift Schedules of Petrochemical Industries. *International Journal of Occupational Hygiene*. 3(1), 38-42.
- 30- **Choobineh, A.R.**, Motamedzade, M., Kazemi, M., Moghimbeigi, A., Heidari Pahlavian, A. (2011). The impact of ergonomics intervention on psychosocial factors and musculoskeletal symptoms among office workers. *International Journal of Industrial Ergonomics*. 41(6), 671-676.
- 31- Neghab, M., Norouzi, M.A., **Choobineh, A.R.**, Kardaniyan, M.R., Hassan Zadeh, J. (2012). Health Effects Associated with long term Occupational Exposure of Employees of a Chlor-alkali Plant to Mercury. *International Journal of Occupational Safety and Ergonomics*. 18(1), 97-106.
- 32- Aghilinejad, M., **Choobineh, A.R.**, Sadeghi, Z., Nouri, M.K., Bahrami Ahmadi, A. (2012). Work-related musculoskeletal disorder among Iranian steel workers. *Iranian Red Crescent Medical Journal*. 14(4), 198-203.
- 33- **Choobineh, A.R.**, Soltanzadeh, A., Tabatabaie, S.H.R., Jahangiri, M., Khavaji, S. (2012). Health effects associated with shiftwork in 12-hour shift schedule among Iranian petrochemical employees. *International Journal of Occupational Safety and Ergonomics*. 18(3), 419-427.
- 34- **Choobineh, A.R.**, Soleimani, E., Daneshmandi, H., Mohamadbeigi, A., Izadi, KH. (2012). Prevalence of musculoskeletal disorders and posture analysis using RULA method in Shiraz general dentists in 2010. *The Journal of Islamic Dental Association of IRAN (JIDA)*. 24(4), 244-250.
- 35- Hashemi Nejad, N., **Choobineh, A.R.**, Rahimifard, H., Haidari, H.R., Tabatabaei, S.H.R. (2013). Musculoskeletal Disorders Risk Assessment in Small Furniture Manufacturing Workshops. *International Journal of Occupational Safety and Ergonomics*. 19(2), 275-284.

- 36- Kamalinia, M., Nasl Saraji, G., Kee, D., Hosseini, M., **Choobineh, A.R.** (2013). Postural Loading Assessment in Assembly Workers of an Iranian Telecommunication Manufacturing Company. *International Journal of Occupational Safety and Ergonomics. International Journal of Occupational Safety and Ergonomics.* 19(2), 311-319.
- 37- Abedini, R., **Choobineh, A.R.**, Hassan Zadeh, J. (2013). Musculoskeletal Load Assessment in Hospital Nurses with Patient Transfer Activity. *International Journal of Occupational Hygiene.* 5(2), 39-45.
- 38- Norozi, M.A., Jahangiri, M., **Choobineh, A.R.**, Narimannejad, A.R. (2013). Feasibility study of implementing process safety management (PSM) requirements in an Iranian Petrochemical Company. *International Journal of Occupational Hygiene.* 5(2), 70-74.
- 39- Hashemi Nejad, N., **Choobineh, A.R.**, Baneshi, M.R., Jafari-Roodbandi, A. (2013). Intra-observer and Inter-observer Reliability in Direct Anthropometry. *International Journal of Occupational Hygiene.* 5(2), 82-88.
- 40- Abedini, R., **Choobineh, A.R.**, Soltanzadeh, A., Gholami, M., Amiri, F., Almasi Hashyani, A. (2013). Ergonomic Risk Assessment of Lifting Activities; a Case Study in a Rubber Industry. *Jundishapur Journal of Health Sciences.* 5(1), 9-15.
- 41- **Choobineh, A.R.**, Daneshmandi, H., Asadi, S., Ahmadi, S. (2013). Prevalence of Musculoskeletal Symptoms and Assessment of Working Conditions in An Iranian Petrochemical Industry. *Journal of Health Sciences and Surveillance System.* 1(1), 33-40.
- 42- **Choobineh, A.R.**, Neghab, M., Rostami, R., Hassan Zadeh, J., Soleimani, E., Daneshmandi, H. (2013). The Relationship between Mercury Exposure and Psychological Health Status of Dentists. *Journal of Health Sciences and Surveillance System.* 1(1), 27-32.
- 43- **Choobineh, A.R.**, Daneshmandi, H., Aghabeigi, M., Haghayegh, A. (2013). Prevalence of Musculoskeletal Symptoms among Employees of Iranian Petrochemical Industries: October 2009 to December 2012. *The International Journal of Occupational and Environmental Medicine.* 4(4), 195-204.
- 44- Daneshmandi, H., Rajaei Fard, A., **Choobineh, A.R.** (2013). Estimation of Aerobic Capacity and Determination of Its Associated Factors among Male Workers of Industrial Sector of Iran. *International Journal of Occupational Safety and Ergonomics. International Journal of Occupational Safety and Ergonomics.* 19(4), 667-673.
- 45- Mohammadian, M., **Choobineh, A.R.**, Mostafavi Nave A.R., Hashemi Nejad N. (2012). Human errors identification in operation of meat grinder using TAFEI technique. *Journal of Occupational Health and Epidemiology.* 1(3), 171-181.

- 46- Dehghan, N., **Choobineh, A.R.**, Razeghi, M., Hasanzadeh, J., Irandoost, M. (2014). Designing a new computer mouse and evaluating some of its functional parameters. *Journal of Research in Health Sciences*. 14 (2), 132-135.
- 47- Barzideh, M., **Choobineh, A.R.**, Tabatabaie, S.H.R. (2014). Job Stress Dimensions and Their Relationship to Musculoskeletal Disorders in Iranian Nurses. *WORK: A Journal of Prevention, Assessment, and Rehabilitation*. 47 (4), 423-429.
- 48- Rahim-Khanli, M., Daneshmandi, H., **Choobineh, A.R.** (2014). Quality Gap in Educational Services from Students' Viewpoint. *JAMP*. 2 (3), 114-119.
- 49- Mohammadian, M., **Choobineh, A.R.**, Haghdoost, A.A., Hashemi Nejad, N. (2014). Normative Data of Grip and Pinch Strengths in Healthy Adults of Iranian Population. *Iranian Journal of Public Health*. 43 (8), 1113-1122.
- 50- Taghavi, S.M., Mokarami, H., Nazifi, M., **Choobineh, A.**, Marioryad, H., Kujerdi, M.F. (2014) The Influence of Socio-Demographic, Health and Work-Related Factors on Health-Related Quality of Life among Iranian Industrial Workers. *Health*, 6, 2250-2260.
- 51- Barzideh, M., **Choobineh, A.R.**, Tabatabaie, S.H.R. (2014). Comparison of Job Stress dimensions in Iranian Nurses with Nurses from Other Countries Based on the Demand-Control-Support Model. *Journal of Health Sciences and Surveillance System*. 2 (2), 66-71.
- 52- Dehghan, N., **Choobineh, A.R.**, Razeghi, M., Hasanzadeh, J., Irandoost, M., Ebrahimi, S. (2014). Assessment of Functional Parameters and Comfort of a New Computer Mouse As Compared with Other Types of Input Devices. *International Journal of Occupational Safety and Ergonomics*. **In press**.
- 53- Abedini, R., **Choobineh, A.R.**, Hasanzadeh, J. (2014). Patient Manual Handling Risk Assessment among Hospital Nurses. *WORK: A Journal of Prevention, Assessment, and Rehabilitation*. **In press**.
- 54- Jafari Roodbandi, A., **Choobineh, A.R.**, Daneshvar, S. Relationship between Circadian Rhythm Amplitude and Stability with Sleep Quality and Sleepiness among Shift Nurses and Health Care Workers. *International Journal of Occupational Safety and Ergonomics*. **In press**.
- 55- Mohammadian, M., **Choobineh, A.R.**, Haghdoost, A.A., Hashemi Nejad, N. (2014). Prediction of Grip and Pinch Strengths in Iranian Adults Using Anthropometric and Demographic Factors. *WORK: A Journal of Prevention, Assessment, and Rehabilitation*. **In press**.

Academic Titles:

- 1- Active researcher at School of Health and Nutrition (1384)
- 2- University's top researcher, Third place (1386)
- 3- Active researcher at School of Health and Nutrition (1387)
- 4- Active university researcher in the field of Industrial Relations (1387)

- 5- Active university researcher in the field of Industrial Relations (1388)
- 6- Active researcher at School of Health and Nutrition (1390)
- 7- Active university researcher in the field of Industrial Relations (1390)
- 8- Active researcher at School of Health and Nutrition (1391)
- 9- Active university researcher in the field of Industrial Relations (1391)
- 10- Top reviewer in research proposals (1391)
- 11- Active researcher at School of Health (1392)
- 12- Active researcher at School of Health (1393)

Provincial Titles:

- 1- Selective researcher in Fars Prosperity and Innovation Festival (1387)
- 2- Top researcher of Fars Province (1391)

National Titles:

- 1- Selected Ph.D. student in the Department of Health Sciences in the 10th Razi Medical Sciences Research Festival (1383)
- 2- Ph.D Dissertation selected as the year's dissertation in the Ninth festival in the student's chosen dissertations, Department of Medicine – School Veterinary (1384)
- 3- Country's top Ph.D student in the national Medical Sciences University and centers of higher education (1381-1382)

Inventions:

- Computer aided posture analyzing system. Registration Number and date: 31077, 1383/11/14
- Ergomice (A new ergonomic finger mouse) 1391/12/20

Executive Responsibility:

- 1- Head of the Ergonomics Department at Shiraz University of Medical Sciences
- 2- Former EDO Office manager at School of Health
- 3- Former Educational Deputy at School of Health, Shiraz University of Medical Sciences
- 4- Head of Research Centre for Health Sciences, Shiraz University of Medical Sciences
- 5- Member of the Press Council at Shiraz University of Medical Sciences
- 6- Member of the Examination and Evaluation in the field of Ergonomics in Ministry of Health

Publishing Activities:

- 1- Chairman of the Scientific Journal of Ergonomics