


Curriculum Vita

First Name:	<i>Ahmad</i>	
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Birth Date:	<i>12 Oct 1984</i>	
Academic Major:	<i>Ph.D. in Occupational Hygiene Engineering</i>	
Academic Rank:	<i>Assistant Professor</i>	
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Scientific Biography

Major	Level	Time	Place
BS	<i>Occupational Hygiene Engineering</i>	<i>2003-2008</i>	<i>Tehran University of Medical Sciences</i>
MSc	<i>Occupational Hygiene Engineering</i>	<i>2008-2011</i>	<i>Shiraz University of Medical Sciences</i>
Ph.D.	<i>Occupational Hygiene Engineering</i>	<i>2011-2016</i>	<i>Hamedan University of Medical Sciences</i>

Specialties

HSE-related Management Systems e.g. HSE-MS; IMS, PSM, ISO 45001; ISO 14001; etc.

HSE Risk Management

Incident & Accident Analysis

Human Factors & Human Error

HSE Consequence Management

Publications

1. Monazzam MR, Soltanzadeh A. The relationship between the worker's safety attitude and the registered accidents. *J Res Health Sci (JRHS)* 2009; 9(1): 17-20.
2. Neghab M, Soltanzadeh A, Alipour A. Toxic response of the respiratory system as a result of exposure to high concentrations of wheat flour dust. *Toxicology Letters* 2010; 196: 70.
3. Neghab M, Soltanzadeh A, Alipour A. Relationship between Spirometry Results and Respiratory Complaints to Flour Dust in Flour Mill Workers. *Iran Occupational Health Journal* 2010; 7(2): 40-46. (Persian)
4. Neghab M, Soltanzadeh A, Choobineh AR. Respiratory Symptoms and Functional Impairments induced by Occupational Exposure to Formaldehyde. *Iran Occupational Health Journal* 2010; 7(2): 55-63. (Persian)

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5. Neghab M, Soltanzadeh A, Choobineh AR. Respiratory Morbidity Induced by Occupational Inhalation Exposure to Low Levels of Formaldehyde. *Industrial Health* 2011; 49: 89-94.
6. Choobineh AR, Soltanzadeh A, Tabatabaee H, Jahangiri M, Neghab M, Khavvaj S. Shift Work-related Psycho-social Problems in 12-hour Shift Schedules of Petrochemical Industries. *International Journal of Occupational Hygiene (IJOH)* 2011; 3: 38-42.
7. Choobineh AR, Soltanzadeh A, Tabatabaee H, Jahangiri M, Khavvaj S. Shift Work-related Health Problems in 12-hour Shift Schedule in Petrochemical Industries. *Iran Occupational Health Journal* 2011; 7(1): 44-53. (Persian)
8. Choobineh AR, Soltanzadeh A, Tabatabaee H, Jahangiri M, Khavvaj S. comparison of shift work-related health problems in 12-hour shift schedules of petrochemical industries. *Iran occupational health journal* 2011; 7(4): 50-60. (Persian)
9. Choobineh AR, Soltanzadeh A, Tabatabaee H, Jahangiri M. Work Schedule-related Health Problems in Petrochemical Industries Workers. *Journal of Kerman University of Medical Sciences* 2011; 18(4): 369-380. (Persian)
10. Choobineh AR, Soltanzadeh A, Tabatabaee H, Jahangiri M. Shift Work-related Health Problems among Petrochemical Industries Employees. *Jundishapur Scientific Medical Journal* 2011; 10(2): 141-151.
11. Choobineh AR, Soltanzadeh A, Tabatabaee H, Jahangiri M, Khavvaj S. Health Effects Associated with Shiftwork in 12-hour Shift Schedule among Iranian Petrochemical Employees. *Journal of occupational Safety and Ergonomics (JOSE)* 2012; 18(3): 419-427.
12. Neghab M, Soltanzadeh A, Alipour A. Respiratory Morbidity Induced by Occupational Inhalation Exposure to High Concentrations of Wheat Flour Dust. *Journal of occupational Safety and Ergonomics (JOSE)* 2012; 18(4): 451-457.
13. Neghab M, Abedini R, Soltanzadeh A, Iloon Kashkooli A, Ghayoomi SMA. Respiratory disorders associated with heavy inhalation exposure to dolomite dust. *Iranian Red Crescent Medical Journal (IRCMJ)* 2012; 14(9): 549-557.
14. Choobineh AR, Soltanzadeh A, Tabatabaee H, Jahangiri M. Shift work and its related health problems in petrochemical industries. *Journal of School of Public Health and Institute of Public Health Research* 2012; 9(4): 43-56. (Persian)
15. Choobineh AR, Soltanzadeh A, Tabatabaee H, Jahangiri M. Comparison of Shift Work-related Health Problems in 12-Hour and 8-Hour Shift Workers in Iranian Petrochemical Industries. *Health System Research (HSR)* 2012; 7(6): 1003-1012. (Persian)
16. Abedini R, Choobineh AR, Soltanzadeh A, Hoseinzadeh, Hassani F, Amiri N. Static Anthropometric Dimensions and Regression Equations among Student Population. *Health System Research (HSR)* 2012; 8(4): 613-623. (Persian)
17. Abedini R, Choobineh AR, Soltanzadeh A, Ghiasvand R, Kazemhaghighi M. Ergonomic evaluation of exposure to musculoskeletal disorders risk factors by Quick Exposure Check (QEC) technique in a metal structure manufacturing factory. *Jundishapur J Health Sci* 2012; 4(2): 13-20.
18. Soltanzadeh A, Eskandari D, Gholami A, Malakouti J. Respiratory problems caused by occupational exposure to flour dust among flour mill workers in Razavi and South Khorasan Provinces. *Occupational Medicine Quarterly Journal* 2012; 4(1-2): 73-80.
19. Abedini R, Choobineh A, Soltanzadeh A, Gholami M, Amiri F, Almasi Hashyani A. Ergonomic Risk Assessment of Lifting Activities; a Case Study in a Rubber Industry. *Jundishapur journal of health sciences* 2013; 5(1): 9-15.
20. Neghab M, Abedini R, Soltanzadeh A, Iloon Kashkooli A, Ghayoomi SMA. Respiratory health of digging and excavating workers involved in constructing a dam in Fars province following occupational exposure to very high concentrations of dolomite dust. *Iran occupational health journal* 2013; 10(1): 43-50. (Persian)
21. Choobineh AR, Aghabeigi M, Tabatabaee SHR, Asadi SH, Javadpour F, Soltanzaheh A. Assessing the

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- Impact of Shift Schedule Change from 12-Hour to 8-Hour Pattern on Prevalence of Health Problems in a Petrochemical Company. *Health System Research (HSR)* 2013; 9(4): 430-440. (Persian)
22. Zamanian Z, Golmohamadi R, Abedini R, Hossinzadeh K, Soltanzadeh A, Ghiasvand R. Study of Smoking effect on Hearing Loss. *Health System Research (HSR)* 2013; 9(6): 640-647. (Persian)
 23. Choobineh AR, Aghabeigi M, Tabatabaei SHR, Falahpour A, Javadpour F, Soltanzaheh A. Evaluation of Effectiveness of Shift Schedule Change on Reducing the Shift Work-related Problems in a Petrochemical Industry. *Journal of School of Public Health and Institute of Public Health Research* 2013; 11(2): 39-52. (Persian)
 24. Abedini R, Soltanzadeh A, Faghieh MA, Mohammadi H, Kamalinia M, Habibi Mohraz M, Arassi M, Piran Veyseh P, Aghaei H, Hosseini Y. Health Consequences of Shift-work: The case of Iranian Hospital Security Personnel. *Journal of WORK; A Journal of Prevention, Assessment and Rehabilitation*. 2014.
 25. Gholami A, Soltanzadeh A, Abedini R, Sahranavard M. Ergonomic Assessment of Musculoskeletal Disorders Risk by Rapid Upper Limb Assessment (RULA) Technique in a Porcelain Manufacturing Factory. *Journal of Research & Health* 2014; 4(1): 608-612. (Persian)
 26. Soltanzadeh A, Golmohammadi R, Ebrahimi H, Fallahi M, Kamalinia M, Ghassmi Sh. Noise Induced Hearing Loss in Iran: A Systematic Review (1980-2012). *Iranian Journal of Public Health*. 2014; 43(12): 1605-1615.
 27. Neghab M, Soltanzadeh A, Abedini R, Hasanzadeh J, Sarvestani S. Assessment of Hearing Loss among health-care workers; A Cross-Sectional Study in Shiraz Hospitals. *Journal of health sciences and surveillance system (JHSSS)* 2014; 2(2): 42-48.
 28. Golmohammadi, R., Ebrahimi, H., Fallahi, M., Soltanzadeh, A., & Mousavi, S. S. (2014). An investigation of Extremely Low Frequency (ELF) Electromagnetic field emitted by common Laptops. *Journal of Health and Safety at Work*, 4(1), 11-20. (Persian)
 29. Soltanzadeh A, Mohammadfam I, Akbarzadeh M. Studying Disabling Occupational Accidents in the Construction Industry during Two Years. *Journal of Occupational Hygiene Engineering*. 2014 Sep 15; 1(2): 57-66. (Persian)
 30. Piran Veyseh P, Motamedzadeh M, Mohammadfam, I., Soltanzadeh, A., Moghimbeygi A. The relationship between psychosocial factors and musculoskeletal disorders in computer users. *Journal of Sabzevar University of Medical Sciences* 2015. (Persian)
 31. A Soltanzadeh, I Mohammadfam, A Moghimbeigi, M Akbarzadeh. HSE Risk Management Systems Analysis and Modeling its Relationship with Occupational Accidents in the Construction Industry. *The Journal of Toloo-e-behdasht* 2016; 14(6): 57-72. (Persian)
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 34. Mohammadfam I, Soltanzadeh A, Moghimbeigi A, Savareh BA. Analysis and Modeling of Threatening Factors of Workforce's Health in Large-Scale Workplaces: Comparison of Four-Fitting Methods to select optimum technique. *Electronic physician*. 2016 Feb; 8(2):1918-1926.
 35. Mohammadfam I, Soltanzadeh A, Moghimbeigi A, Savareh BA. Use of Artificial Neural Networks (ANNs) for the Analysis and Modeling of Factors That Affect Occupational Injuries in Large Construction Industries. *Electronic physician*. 2015 Nov; 7(7):1515-1522.
 36. Piranveyseh P, Motamedzade M, Osatuke K, Mohammadfam I, Moghimbeigi A, Soltanzadeh A, Mohammadi H. Association between psychosocial, organizational and personal factors and prevalence of musculoskeletal disorders in office workers. *International Journal of Occupational Safety and Ergonomics*.

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38. Mohammadfam I, Soltanzadeh A, Moghimbeigi A, Akbarzadeh M. Modeling of individual and organizational factors affecting traumatic occupational injuries based on the structural equation modeling: a case study in large construction industries. *Archives of trauma research*. 2016; 5(3).
39. Soltanzadeh A, Mohammadfam I, Moghimbeigi A, Akbarzadeh M, Ghiasvand R. Key factors contributing to accident severity rate in construction industry in Iran: a regression modelling approach. *Archives of Industrial Hygiene and Toxicology*. 2016 Mar 22; 67(1):47-53.
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41. Mohammadfam I, Soltanzadeh A, Mahmoudi S, Moghimbeigi A. P154 Analytical modelling of occupational accidents' size using structural equation modelling approach (SEM); a field study in big construction industries. *Occupational and Environmental Medicine*. 2016 Sep 1; 73 (Suppl 1): 172.
42. Soltanzadeh A, Mohammadfam I, Mahmoudi S, Savareh BA, Arani AM. Analysis and Forecasting the Severity of Construction Accidents using Artificial Neural Network. *Safety Promotion and Injury Prevention*. 2017 Jan 17; 4(3): 183-90. (Persian)
43. Soltanzadeh A, Mohammadfam I, Moghimbeygi A, Ghiasvand R. Exploring causal factors on the severity rate of occupational accidents in construction worksites. *International journal of civil engineering*. 2017 Oct 1;15(7):959-65.
44. Heydari M, Gholamnia R, Soltanzadeh A. Study The role of latent variables in lost working days by Structural Equation Modeling Approach. *Journal of Occupational Hygiene Engineering*. 2016 Dec 15; 3(3):56-63. (Persian)
45. Heidari H, Mahdinia M, Rahimifard H, Mohammadbeigi M, Soltanzadeh A, Mohammadbeigi A. Occupational Exhaustion and its Determinates in a Military Industry Workers in Iran. *Annals of Military and Health Sciences Research*. 2016; 14(4).
46. Heidari H, Rahimifard H, Arsang-Jang S, Sahranavard R, Soltanzadeh A. Correlation investigation between Wet Bulb globe temperature (WBGT) and thermal work limit (TWL) comparing modified threshold limit of tympanic temperature. *Journal of Occupational Hygiene Engineering*. 2018 Jan 15;4(4):31-8. (Persian)
47. Jafarnia E, Soltanzadeh A, Ghiyasi S. A combined Health, Safety and Environment (HSE) Risk Assessment Model Based on PMBOK Project Management Guide; a Case Study: Development Plan of the Islamic Consultative Assembly of Iran. *Journal of Occupational Hygiene Engineering*. 2018 Jan 15;4(4):47-58. (Persian)
48. Koosha M, Aghajanloo M, Paybast S, Rahiminejad ME, Soltanzadeh A. Evaluation of Lumbar Disk Herniation Risk Factors in Patients with Low Back Pain: A Case-Control Study in Hamedan, Iran. *International Journal of Occupational Hygiene*. 2018 Feb 6;10(1).
49. Mohammadfam I, Soltanzadeh A, Arsang-Jang S, Mohammadi H. Structural Equation Modeling Modeling (SEM) of Occupational Accidents Size Based on Risk Management Factors; A Field Study in Process Industries. *Health Scope*. 2018;4:5.
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51. Cheraghi H, Soltanzadeh A, Ghiyasi S. Consequence modeling of the ethylene oxide storage tanks explosion using the PHAST software (a case study in a petrochemical industry). *Iranian Journal of Health and Environment*. 2018 Sep 15;11(2):261-70. (Persian)

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52. Daneshvar M, Soltanzadeh A, Mohammadi H, Soltanzadeh A, Ahmadiyan N. Analysis of Construction Safety Risk in House Power of a Power Plant Based on Bow-Tie Technique. *International Journal of Occupational Hygiene*. 2018 Jul 30;10(2).

Presentations

1. Soltanzadeh A, Rezaie M, Ghasemi S.A, Mokarrami H. Noise and sleep disorders. 3rd Congress of Recent Health Sciences. Winter 2006. Tehran.
2. Soltanzadeh A, Seydli V. Naphthalene, an occupational and environmental toxin. Congress of environment, occupation and cancer. Spring 2006. Tehran.
3. Soltanzadeh A, Seydli V. Cancer information resource and internet. Congress of environment, occupation and cancer. Spring 2006. Tehran.
4. Soltanzadeh A, Choobineh A, Hosseinzadeh K. Anaerobic Threshold, Measurement Methods and its Role in the Occupational Hygiene. 5th Congress of Recent Health Sciences. Spring 2009. Tehran.
5. Soltanzadeh A, Monazzam MR. Survey of safety attitude and occurred accidents relationship at a gas refinery. 5th Congress of Recent Health Sciences. Spring 2009. Tehran.
6. Neghab M, Soltanzadeh A, Alipour A. Toxic response of the respiratory system as a result of exposure to high concentrations of wheat flour dust. XII International Congress of Toxicology. Barcelona-Spain 19–23 July 2010.
7. Mortazavi SMJ, Soltanzadeh A, Hosseinzadeh K. Almasi A. The effect of microwave radiation emitted by GSM mobile phones on hearing loss in the students of Shiraz University of medical sciences. 9th medical physics congress. May 2010. Tehran. Iran.
8. Zamanian Z, Fallahi F, Ahmadi M, Dehghani M, Soltanzadeh A. Assessment of noise induced hearing loss (NIHL) among Shiraz bus drivers and noise effect on blood pressure. Civilization and health congress. Ordibehesht 2010. Shiraz.
9. Soltanzadeh A, Choobineh A, Tabatabaee SHR, Jahangiri M, Khavaji S. Survey of health problems related to Aghmari 12-hr shift work schedule. 1st occupational health & medicine Congress in oil industry. Ordibehesht 2010. Tehran.
10. Soltanzadeh A, Choobineh A, Tabatabaee SHR, Jahangiri M. Comparison of health problems related to shift work schedules in non-Aghmari system. 3rd national Congress of health safety & environment in oil ministry. Ordibehesht 2010. Tabriz.
11. Mortazavi SMJ, Soltanzadeh A, Hosseinzadeh K. Almasi A. The effect of microwave radiation emitted by GSM mobile phones on hearing loss in the students of Shiraz University of medical sciences. 9th medical physics congress. May 2010. Tehran. Iran.
12. Neghab M. Soltanzadeh A, Alipour A. Respiratory Morbidity Induced by Occupational Inhalation Exposure to High Concentrations of Wheat Flour Dust. 7th occupational safety and health. Ordibehesht 2011. Ghazvin. Iran.
13. Neghab M. Soltanzadeh A, Choobineh A. Respiratory Morbidity Induced by Occupational Inhalation Exposure to Low Levels of Formaldehyde. 7th occupational safety and health. Ordibehesht 2011. Ghazvin. Iran.
14. Zamanian Z, Soltanzadeh A, Dehghani M, Abedini R, Almasi A, Fallahi F, Ahmadi M. Assessment of hearing loss caused by noise in the bus drivers and effect on blood pressure. 7th occupational safety and health. Ordibehesht 2011. Ghazvin. Iran.
15. Choobineh A, Neghab M, Soltanzadeh A, Jahangiri M, Abedini R, Khavaji S. Survey of psychosocial problems related to Aghmari 12-hr shift work schedule. 7th occupational safety and health. Ordibehesht 2011. Ghazvin. Iran.

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16. Behmanesh A, Alizadeh Savareh B, soltanzadeh A. Modeling the factors threatening the health of workers in large industries: a comparison of four fitting techniques. The 9th university students conference on innovations in health sciences, 2016, Tehran, Iran.
17. Alizadeh Savareh B, Behmanesh A, soltanzadeh A. Predicting of Industrial accidents size using Rough theory and ANN: a Case Study in the process industries. The 9th university students conference on innovations in health sciences, 2016, Tehran, Iran.
18. Soltanzadeh A, Mohammadfam I, Moghimbeigi A. Predicting and determining factors of occupational accidents severity rate (ASR) using artificial neural networks (ANN); a case study in construction industry. Occupational Health: Think Globally, Act Locally, September 4–7, 2016, Barcelona, Spain.
19. Mohammadfam I, Soltanzadeh A, Mahmoudi S, Moghimbeigi A. P154 Analytical modelling of occupational accidents' size using structural equation modeling approach (SEM); a field study in big construction industries. Occupational Health: Think Globally, Act Locally, September 4–7, 2016, Barcelona, Spain.
20. Mohammadfam I, Soltanzadeh A, Mohammadbeygi A, Arsang jang Sh. Path Analysis of Traffic Accidents using structural equation modeling approach (SEM). 7th international conference on reducing burden of terrific accidents: challenges and strategies, February 2017 Shiraz, Iran.
21. Mohammadfam I, Soltanzadeh A, Rahimi J, Mohammadi H. Structural Equation Modeling (SEM) of Occupational Accidents Based on Risk Management Factors, 10th national congress of occupational health & safety, Ordibehesht 1396, Rasht, Iran.
22. Mohammadfam I, Soltanzadeh A, Alizadeh B, Rahimi J, Predicting Factors of Occupational Accidents' Severity using Artificial Neural Networks (ANN). 10th national congress of occupational health & safety, Ordibehesht 1396, Rasht, Iran.
23. Koosha M, Paybast S, Rahiminejad ME, Soltanzadeh A. An analysis of risk factors for lumbar disc herniation in patients with low back pain. 10th national congress of occupational health & safety, Ordibehesht 1396, Rasht, Iran.
24. Soltanzadeh A, Ghiyasi S, Jafarnia E. A New Model for HSE Risk Assessment in construction Projects based on the PMBOK Guide. 5th International Congress on Civil Engineering, Architecture and Urban Development, December 2017, Tehran, Iran.
25. Nabizadeh H, Soltanzadeh A, Heidari H. Evaluation of the effect of firefighting coefficient Clo on thermal stress. 3rd National Conference on Urban Safety and Fire Service. 25-26 Feb 2018 Tehran.
26. Soltanzadeh A, Mohammadfam I, Mohammadi H, Alizadeh B. Predicting and Determining Factors of Occupational Accidents Severity Rate (ASR) using Artificial Neural Networks (ANN); a Case Study in Construction. The 7th National Conference on Safety Engineering and HSE Management. 6-8 March 2018 Tehran.
27. Soltanzadeh A, Ghiyasi S, Jafarnia E. Providing a New Model for Assessing HSE Risk in Civil Projects based on the PMBOK Project Management Guide. 5th International Congress on Civil Engineering, Architecture and Urban Development. 26-28 December 2017, Tehran, Iran.
28. Mohammadfam I, Soltanzadeh A, Mohammadi H, Alizadeh B. Predicting and Determining Factors of Occupational Accidents Severity Rate (ASR) using Artificial Neural Networks (ANN); a Case Study in Construction Industry. The 7th National Conference on Safety Engineering & HSE Management, 6-8 March 2018, Sharif University of Technology, Tehran, Iran.