# بيوگرافي



نام و نام خانوادگی: احمد سلطان زاده تاریخ تولد: ۲۰ مهر ۱۳۶۳ شماره ملی: ۵۱۵۹۷۵۹۵۶ ایمیل: asoltanzade@muq.ac.ir soltanzadeh.ahmad@gmail.com

# سوابق تحصيلي

کارشناسی مهندسی بهداشت حرفه ای دانشگاه علوم پزشکی تهران کارشناسی ارشد مهندسی بهداشت حرفه ای دانشگاه علوم پزشکی شیراز PhD مهندسی بهداشت حرفه ای

# گرایش و تخصص

- آموزش، مشاوره، استقرار و اجرای نظام های مدیریتی مرتبط با HSE؛
- آموزش، مشاوره، استقرار و اجرای نظام های مدیریت ریسک، ممیزی و ارزیابی ریسک؛
  - آموزش، مشاوره، طراحی و اجرای تجزیه و تحلیل و مدلسازی حوادث؛
- آموزش، مشاوره و اجرای انواع پروژه های HSE مرتبط با عوامل زیان آور محیط کار؛
- آموزش، مشاوره، استقرار و اجرای نظام های مدیریت ریسک، ممیزی و ارزیابی ریسک ارگونومی؛
  - آموزش مشاوره، و اجرای تکنیک های ارزیابی ریسک خطای انسانی؛
    - آموزش، مشاوره، طراحی و اجرای مدیریت پیامد؛
      - ... •

# مقالات علمي

- 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.
- **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.
- 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.
- **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.
- **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.
- **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 Jornal (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.
- **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. Halth System Research (HSR) 2012; 7(6): 1003-1012.
- **16.** Abedini R, Choobineh AR, Soltanzadeh A, Hoseinzadeh, Hassani F, Amiri N. Static Anthropometric Dimensions and Regression Equations among Student Population. Halth System Research (HSR) 2012; 8(4): 613-623.
- 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. Jundishapour J Healt 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.
- **21.** Choobineh AR, Aghabeigi M, Tabatabaee SHR, Asadi SH, Javadpour F, Soltanzaheh A. Assessing the Impact of Shift Schedule Change from 12-Hour to 8-Hour Pattern on Prevalence of Health Problems in a

- Petrochemical Company. Halth System Research (HSR) 2013; 9(4): 430-440.
- **22.** Zamanian Z, Golmohamadi R, Abedini R, Hossinzadeh K, Soltanzadeh A, Ghiasvand R. Study of Smoking effect on Hearing Loss. Halth System Research (HSR) 2013; 9(6): 640-647
- **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.
- **24.** Abedini R, Soltanzadeh A, Faghih 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.
- **26.** Golmohammadi R, Soltanzadeh A, 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.
- **29.** Soltanzadeh, A., Mohammadfam, I., Moghim beygi, A., Akbarzadeh, M. (2014). Studying Disabling Occupational Accidents in the Construction Industry during Two Years. *Journal of Occupational Hygiene Engineering*, 1(2), 57-66.
- **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*.
- **31.** 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. Arhiv za higijenu rada i toksikologiju. 2016 Mar 22;67(1):47-53.
- **32.** Soltanzadeh A, Mohammadfam I, Moghimbeigi A, Akbarzadeh M. Analysis of occupational accidents induced human injuries: A case study in construction industries and sites. Journal of Civil Engineering and Construction Technology. 2016 Jan 31;7(1):1-7.
- **33.** 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.
- **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., Akbarzadeh, M. Factors affecting occupational accidents in the construction industry (2009-2013). J*OHE*, (2014). *3*(2), 88-95.
- **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. 2016; 22(2): 267-73.
- **37.** Mohammadfam I, Soltanzadeh A, Moghimbeigi A, Akbarzadeh M. Confirmatory factor analysis of occupational injuries: presenting an analytical tool. Trauma monthly. 2016 (Inpress).
- **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. P153 Predicting and determining factors of occupational accidents severity rate (ASR) using artificial neural networks (ANN); a case study in construction industry. Occupational and Environmental Medicine. 2016 Sep 1;73: 171-2.
- **40.** 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.

# همایش های علمی

- 1. Soltanzadeh A, Fallahi KH. Measurement and management of quality in the hospitals. 3<sup>rd</sup> Congress of Recent Health Sciences. Spring 1385. Shiraz.
- 2. Soltanzadeh A, Fallahi KH. International Health Care Management. 3<sup>rd</sup> Congress of Recent Health Sciences. Spring 1385. Shiraz
- 3. Soltanzadeh A, Fallahi KH. Human resource management (HRM) and tools for criteria's identification. 3<sup>rd</sup> Congress of Recent Health Sciences. Spring 1385. Shiraz
- **4.** Soltanzadeh A, Seydli V. Cancer information resource and internet. Congress of environment, occupation and cancer. Spring 1385. Tehran.
- **5.** Soltanzadeh A, Seydli V. Naphthalene, an occupational and environmental toxin. Congress of environment, occupation and cancer. Spring 1385. Tehran.
- **6.** Soltanzadeh A, Rezaie M, Ghasemi S.A, Mokarrami H. Noise and sleep disorders. 3<sup>rd</sup> Congress of Recent Health Sciences. Winter 1385. Tehran.
- 7. Soltanzadeh A, Fallahi KH. Shiftwork and its effects on sleep. 3<sup>rd</sup> Congress of Recent Health Sciences. Winter 1385. Tehran.
- **8.** Soltanzadeh A, Monazzam MR. Survey of safety attitude and occurred accidents relationship at a gas refinery. 5<sup>th</sup> Congress of Recent Health Sciences. Spring 1388. Tehran.
- **9.** Soltanzadeh A, Choobineh A, Hosseinzadeh K. Anaerobic Threshold, Measurement Methods and its Role in the Occupational Hygiene. 5<sup>th</sup> Congress of Recent Health Sciences. Spring 1388. Tehran.
- **10.** Soltanzadeh A, Choobineh A, Tabatabaee SHR, Jahangiri M. Comparison of health problems related to shift work schedules in non-Aghmari system. 3<sup>rd</sup> national Congress of health safety & environment in oil ministry. Ordibehesht 1389. Tabriz.
- 11. 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 1389. Tehran.
- 12. Zamanian Z, Fallahi F, Ahmadi M, Dehghani M, Soltanzadeh A. Assessment of noise induced hearing loss (NIHL) among Shiraz bus divers and noise effect on blood pressure. Civilization and health congress. Ordibehesht 89. Shiraz.
- **13.** Choobineh A, Neghab M, Soltanzadeh A, Jahangiri M, Abedini R, Khavaji S. Survey of psychosocial problems related to Aghmari 12-hr shift work schedule. 7<sup>th</sup> occupational safety and health. Ordibehesht 1390. Ghazvin.
- **14.** Zamanian Z, Soltanzadeh A, Dehghani M, Abedini R, Almasi A, F allahi F, Ahmadi M. Assessment of hearing loss caused by noise in the bus drivers and

- effect on blood pressure. 7<sup>th</sup> occupational safety and health. Ordibehesht 1390. Ghazvin.
- **15.** Neghab M. Soltanzadeh A, Choobineh A. Respiratory Morbidity Induced by Occupational Inhalation Exposure to Low Levels of Formaldehyde. 7<sup>th</sup> occupational safety and health. Ordibehesht 1390. Ghazvin.
- **16.** Neghab M. Soltanzadeh A, Alipour A. Respiratory Morbidity Induced by Occupational Inhalation Exposure to High Concentrations of Wheat Flour Dust. 7<sup>th</sup> occupational safety and health. Ordibehesht 1390. Ghazvin.
- 17. 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. 9<sup>th</sup> medical physics congress. Tehran. May 2010.
- **18.** 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.
- العیرضا چوبینه، احمد سلطان زاده، سید حمیدرضا طباطبایی، مهدی جهانگیری. نوبتکاری و پیامدهای بهداشتی مرتبط با آن در صنایع پتروشیمی. هشتمین سراسری همایش بهداشت و ایمنی کار. مازندران.
  ۴-۶ اردیبهشت ۱۳۹۲.
- ۲۰. مسعود نقاب، رقیه عابدینی، احمد سلطان زاده، عبدالمجید ایلون کشکولی، سید محمد علی قیومی. ارزیابی سلامت تنفسی کارگران حفار یکی از سدهای در حال احداث استان فارس بدنبال مواجهه شغلی با غلظت های بسیار زیاد گردوغبار دولومیت. هشتمین سراسری همایش بهداشت و ایمنی کار. مازندران. ۴-۶ اردیبهشت ۱۳۹۲.
- ۲۱. عبدالله غلامی، احمد سلطان زاده، رقیه عابدینی، مرضیه صحرانورد. ارزیابی ارگونومیک خطر ابتلا به اختلالات اسکلتی عضلانی به روش RULA در یک کارخانه چینی سازی. هشتمین سراسری همایش بهداشت و ایمنی کار. مازندران. ۴-۶ اردیبهشت ۱۳۹۲.
- **.۲۲** بهروز علی زاده سواره، علی بهمنش، احمد سلطان زاده. پیش بینی اندازه حوادث صنعتی با استفاده از تئوری راف و شبکه عصبی مصنوعی (ANN)؛ مطالعه موردی در صنایع فرایندی. نهمین همایش تازه های علوم بهداشتی. دانشگاه شهید بهشتی تهران. ۲۲ اردیبهشت ۱۳۹۵.
- **۲۳.** علی بهمنش، بهروز علی زاده سواره، احمد سلطان زاده. مدلسازی فاکتورهای تهدید کننده سلامتی شاغلین در محیط های صنعتی بزرگ: مقایسه ای بین چهار تکنیک برازش. نهمین همایش تازه های علوم بهداشتی. دانشگاه شهید بهشتی تهران. ۲۲ اردیبهشت ۱۳۹۵.
- ۲۴. فرهمند مهین، سلطان زاده احمد، الماسی حشیانی امیر، محمدی صمد. بررسی وضعیت عوامل خطر رفتاریحوادث ترافیکی در استان فارساز دیدگاه طرح ملی مراقبت عوامل خطر بیماریهای غیر واگیر. فصلنامه مجله دانش و تندرستی, تابستان ۱۳۸۹, دوره ۵, شماره ویژه نامه ششمین کنگره اپیدمیولوژی ایران. ص ۱۸۴.

## تحقیقات و مطالعات صنعتی

- **1.** Respiratory Morbidity Induced by Occupational Inhalation Exposure to Formaldehyde
- **2.** Respiratory Morbidity Induced by Occupational Inhalation Exposure to High Concentrations of Wheat Flour Dust
- **3.** Respiratory disorders associated with heavy inhalation exposure to dolomite dust
- **4.** Static Anthropometric Dimensions and Regression Equations among Student Population
- 5. Ergonomic evaluation of exposure to musculoskeletal disorders risk factors by Quick Exposure Check (QEC) technique in a metal structure manufacturing factory
- **6.** Ergonomic Risk Assessment of Lifting Activities; a Case Study in a Rubber Industry
- 7. Survey of Safety Attitude in a Gas Refinery and its Relationship with Accidents and Psychosocial and Demographical Variables
- 8. Survey of Shift Work Schedules and their associated Problems in the Iranian Petrochemical Industries, Determination of Risk Factors of Shift Work-Related Problems and Introducing Appropriate Shift Schedule
- **9.** Evaluation of Effectiveness of Shift Schedule Change on Reducing the Shift Work-related Problems in a Petrochemical Industry
- **10.** The Effect of Smoking and Noise-Induced Hearing Loss
- 11. Health consequences of shift-work: The case of Iranian Hospital Security Personnel
- 12. Ergonomic assessment of musculoskeletal disorders risk by rapid upper limb assessment (RULA) technique in a porcelain manufacturing factory
- **13.** An investigation of Extremely Low Frequency (ELF) Electromagnetic field emitted by common Laptops
- **14.** Assessment of Noise Related Disorders among Health Care Personnel: A Cross-Sectional Study in Shiraz Hospitals
- **15.** Analysis of Industrial Accidents using Regression Modeling Approach; Case Study: Petrochemical Industries
- **16.** Industrial Accidents Analysis and Prediction using Root Cause Analysis (RCA) Method

- 17. Modeling of Accidents Causation by Arttificial Neural Networks (ANN)
- **18.** Developing a Prediction model for Industrial Accidents; using Structural Equation Modeling (SEM) Approach
- 19. jobs Safety risk assessment using Task Analysis, Job Hazard Analysis and Job Safety Analysis approaches; a case study in an Oil Refinery
- **20.** Design and development of a risk assessment model of occupational health risks in the process industries
- **21.** Noise Induced Hearing Loss in Iran: (1997-2012)
- **22.** Relationship between Safety Culture and the Rate of Accidents in Some Factories
- 23. The Effect of Microwave Radiation from Mobile Phones on Hearing Loss in Students of Shiraz University of Medical Sciences
- **24.** Evaluation of Noise induced Hearing Loss in the Bus Drivers in Shiraz.

#### كتاب

- 1. زبان عمومی برای کنکور (ویژه داوطلبان کنکور کارشناسی ارشد گروه پزشکی). رقیه عابدینی، احمد سلطان زاده. انتشارات خسروی. ویرایش سوم؛ چاپ اول ۱۳۹۱.
- $m{7}$ . درسنامه جامع کارشناسی ارشد و دکتری بهداشت حرفه ای (بانک سوالات دروس اختصاصی  $OHC_s$ ). احمد سلطان زاده، رقیه عابدینی. انتشارات خسروی. ویرایش سوم؛ چاپ اول ۱۳۹۱.
- $\ref{T}$ . درسنامه جامع کارشناسی و کارشناسی ارشد بهداشت حرفه ای (بانک سوالات دروس عمومی  $OHC_S$ ). احمد سلطان زاده، رقیه عابدینی. انتشارات خسروی. ویرایش اول؛ چاپ اول ۱۳۸۸.
- ۴. درسنامه جامع کادانی به کارشناسی بهداشت حرفه ای (بانک سوالات  $OHC_S$ ). احمد سلطان زاده، رقیه عابدینی. انتشارات خسروی. ویرایش سوم؛ چاپ اول ۱۳۹۱.
- درسنامه جامع کادانی به کارشناسی بهداشت حرفه ای (خلاصه دروس  $OHC_S$ ). احمد سلطان زاده، رقیه عابدینی، مجیدرضایی. انتشارات خسروی. ویرایش اول؛ چاپ اول ۱۳۸۶.
- راهنمای شرایط بهداشت کار و کنترل تشعشعات غیر یونیزان در صنایع ساختمانی (سیمان، آجر، گچ
  و آهک). احمد سلطان زاده. پژوهشکده محیط زیست. چاپ اول بهار ۱۳۹۳.