

In the name of God



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**Academic rank:**

Assistant Professor

**Faculty:**

Health faculty, Department of Occupational  
Health Engineering

**Educational history**

Academic field	Degree	University	Country	Graduation date
Occupational Health Engineering	<b>B.Sc.</b>	Esfahan University of Medical Sciences	Iran	2003
Occupational Health Engineering	<b>MSc</b>	Esfahan University of Medical Sciences	Iran	2014
Occupational Health Engineering	<b>PhD</b>	Hamadan University of Medical Sciences	Iran	2019

## Publication

1. Nasim Sanaei, Ali Akbar Alinaghi Langari, Saber Alizadeh, **Shiva Soury**, Ali Firoozichahak, Davood Nematollahi, Parsa Mohammad Alizadeha. Nano-hydroxyapatite/polyaniline composite as an efficient sorbent for sensitive determination of the polycyclic aromatic hydrocarbons in air by a needle trap device. *RSC Advances*. 2020; 10: 42267–42276
2. Mohamad Babamiri, Neda Mahdavi, **Shiva Soury**, Mohsen Yazdani, Mohammadjavad Golhosseini, Majid Matamed. Simulation of ergonomic interventions in color spray station with CATIA software - Case study. *J Occup Hyg Eng*. In Press.
3. **Shiva Soury**, Abdulrahman Bahrami, Saber Alizadeh, Farshid Ghorbani Shahna, Davood Nematollahi. Development of a Needle Trap Device Packed with Hkust-1 Sorbent For Sampling and Analysis of Btex in Air. *Journal of Chemistry & Chemical Technology*. In Press.
4. **Soury S**, Bahrami A, Alizadeh S, Shahna FG, Nematollahi D. Synthesis and Characterization of Zn<sub>3</sub>(BTC)<sub>2</sub> Nanoporous Sorbent for Sampling from Benzo [a] pyren using Needle Trap in the Air. *Journal of Health and Safety at Work*. 2020;10(2):34-7.
5. **Soury S**, Bahrami A, Alizadeh S, Ghorbani Shahna F, Nematollahi D. Development of a needle trap device packed with zinc based metal-organic framework sorbent for the sampling and analysis of polycyclic aromatic hydrocarbons in the air. *Microchemical Journal*. 2019;148:346-54.
6. Forouharmajd F, **Soury S**, Mohammadi Z, Salehian J, Mosayebi M. Optimization of the Noise Control Process of a Polystyrene Silencer and Assessment of its Role in Sound Insertion Loss Index Variation as Enclosure in a Laboratory. *J Health Syst Res*. 2018;13(1):98-103. [in Persian]
7. Ordudari Z, **Soury S**, Habibi E, Sharifian Z. Study the relationship between the physical activity and work ability index to office workers and operatives. *Iranian Journal of Ergonomics*. 2018;6(2):55-63. [in Persian]
8. **Soury S**, Golmohammadi R. A Review of the Auditory and Non-auditory Effects of Exposure to Noise on Women's Health. *J Occup Hyg Eng*. 2017;4:53-8. [in Persian]

9. Forouharmajd F, **Soury S**, Mohammadi Z, Salehian J, Mosayebi M. Optimization of the noise control process of a polystyrene silencer and assessment of its role in sound insertion loss index variation as enclosure in a laboratory. 2017.
10. Forouharmajd F, Azmoon H, Akbari J, **Soury S**. Evaluating the transmitted vibration to operator's hands hand and effect of protective gloves in real condition, based on International Standard Organization 5349 standard. *International Journal of Environmental Health Engineering*. 2016;5(1):4.
11. **Soury S**, Habibi E, Hasan Zadeh A. Measuring factors affecting grip strength base on ASHT (American society of hand therapists. *J Health Syst Res*. 2015;10(4):719-28. [in Persian]
12. **Soury S**, Habibi E, Hasanzadeh A. Performance Evaluation Of 2-Dimensional Anthropometry Method In Measurement Of Hand Dimentions. *Occupational Medicine*. 2015;7(1). [in Persian]
13. Habibi E, **Soury S**, Vardanjani HR, Khodarahmi B, Dehghan H, Hosseini M, et al. A survey of the relationship between work schedule and its effect on the fatigue of rescue personnel in Isfahan with a standard method of CIS202. *Journal of education and health promotion*. 2015;4.
14. Habibi E, **Soury S**. The effect of three ergonomics interventions on body posture and musculoskeletal disorders among stuff of Isfahan Province Gas Company. *Journal of education and health promotion*. 2015;4.
15. Rismanchian M, Garsivaz M, Pourzamani H, **Souri S**, Maracy M. The effects of vehicle ventilation system, fuel type and in-cabin smoking on the concentration of Toluene and Ethylbenzene in Tundar 90 Cars. IOH. 2014; 11 (4) :12-19.
16. Habibi E, **soury S**, Abolghasemian M. The effect of three ergonomics intervention on work-related posture and musculoskeletal disorders in office workers (computer users) Gas Company of Isfahan. *J Health Syst Res*. 2013;9(10):1041-9. [in Persian]
17. Habibi E, **Soury S**, Zadeh AH. Precise evaluation of anthropometric 2D software processing of hand in comparison with direct method. *J Med Signals Sens*. 2013;3(4):256.

18. Azmoon H, Dehghan H, Akbari J, **Souri S**. The relationship between thermal comfort and light intensity with sleep quality and eye tiredness in shift work nurses. *Journal of environmental and public health*. 2013.
19. Azmon Hiva, **Soury Shiva**. Assessing Occupational Exposure in a Lead-Metal Battery Industry. *Occupational Medicine*. 2013;5(1). [in Persian]

## Course teaching

### 1. B.Sc

Industrial ventilation design, Toxicology and biological monitoring, Basics of air pollution control, General occupational health, Dynamics of gases and aerosols, Safe use of chemicals and toxins, Basics of air sampling

## Skills

- Toxicology biological monitoring
- Industrial ventilation design
- Air pollution monitoring

## Honors

Patent: Photoanthropometric set with registration number 83316

## Experiences

- Head of Education Development Office of the School of Health
- The faculty liaison of the student scientific associations of the Faculty of Health
- Technical manager and chairman of the board of Kavosh Iman Sepahan
- Chairman of the Board of Arvin Azma Sepahan Company
- Partner expert of Salamat Gostar Apadana Company of Isfahan
- Partner expert of Behpooyan Tebkar Company
- Head of Occupational Health Unit of Isfahan Slag Wool Company
- Head of Occupational Health Unit of Mobarez Machine Building Company

- Head of Occupational Health Unit of Baharris Company
- Consultant for the establishment of OHSAS 18001, ISO 14001 management system  
Mobarez Research and Production Company, Kamali Brick, Kamali No, Khorasani
- Measuring and evaluating the harmful factors of the work environment of more than 100 manufacturing companies

### **Memberships:**

- Member of the Educational Council of the School of Health
- Membership in the National Elite Foundation of Isfahan Province for a master's degree

### **Research Interests:**

- Occupational Health Monitoring- Air Pollution Health Impacts- Micro extraction-  
Sample preparation