

Curriculum Vitae

Davoud Panahi, Ph.D

Assistant Professor, Department of Occupational Health and safety Engineering, School of Public Health and Safety, Shahid Beheshti University of Medical Sciences, Velenjak, Daneshjou Blvd. Tehran, Iran
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<i>Academic Education</i>			
<i>Degree</i>	<i>Major</i>	<i>Tendency</i>	<i>University</i>
<i>Ph.D.</i>	<i>Occupational Health</i>	<i>Chemical Analysis and Occupational Toxicology</i>	<i>Shahid Behshti University of Medical Sciences</i>
<i>M.S</i>	<i>Occupational Health</i>	<i>Chemical Analysis and Occupational Toxicology</i>	<i>Tehran University of Medical Sciences</i>
<i>B.S.</i>	<i>Occupational Health</i>	-	<i>Shahid Behshti University of Medical Sciences</i>

Publication: Journal Article			
Title	Journal	year	Language
<i>Evaluation of sleep quality in bus drivers in Tehran</i>	<i>Journal of Traffic Management Studies</i>	<i>2010</i>	<i>Persian</i>
<i>Occupational Exposure to Carbon Monoxide of Taxi Drivers in Tehran, Iran</i>	<i>International Journal of Occupational Hygiene</i>	<i>2011</i>	<i>English</i>
<i>Evaluation of exposure to the airborne asbestos in an asbestos cement sheet manufacturing industry in Iran</i>	<i>Environmental monitoring and assessment</i>	<i>2011</i>	<i>English</i>
<i>Assessment of occupational exposure to the respirable fraction of cement dust and crystalline silica</i>	<i>Journal of Health and Safety at Work</i>	<i>2012</i>	<i>Persian</i>
<i>Assessment of occupational exposure to total dust and crystalline silica in construction workers of metro, Tehran</i>	<i>Journal of Health and Safety at Work</i>	<i>2012</i>	<i>Persian</i>
<i>Dust exposure and respiratory health effects in cement production</i>	<i>Acta Medica Iranica</i>	<i>2012</i>	<i>English</i>
<i>Survey of Safety Climate in a Petrochemical Industry in Mahshahr</i>	<i>Alborz University Medical Journal</i>	<i>2012</i>	<i>Persian</i>
<i>Comparison of Fiber Counting by Monitor Screen and Eyepieces of Phase Contrast Microscopy</i>	<i>zahedan journal of research in medical sciences</i>	<i>2014</i>	<i>English</i>

Publication: Journal Article			
Title	<i>Journal</i>	<i>year</i>	<i>Language</i>
<i>Improved Method for Analysis of Airborne Asbestos Fibers Using Phase Contrast Microscopy and FTIR Spectrometry</i>	<i>Tanaffos</i>	<i>2014</i>	<i>English</i>
<i>Non-carcinogenic risk assessment of occupational exposure to hexavalent chromium in two</i>	<i>Journal of Health in the Field</i>	<i>2016</i>	<i>English</i>
<i>Development of a new method for sampling and monitoring oncology staff exposed to cyclophosphamide drug</i>	<i>Environmental monitoring and assessment</i>	<i>2016</i>	<i>English</i>
<i>Environmental Monitoring of Occupational Exposure to Cyclophosphamide Drug in Two Iranian Hospitals</i>	<i>Iranian Journal of Cancer Prevention</i>	<i>2016</i>	<i>English</i>
<i>The Effect of Wood Aerosols and Bioaerosols on the Respiratory Systems of Wood Manufacturing Industry Workers in Golestan Province</i>	<i>Tanaffos</i>	<i>2017</i>	<i>English</i>
<i>Experimental optimization of a spray tower for ammonia removal</i>	<i>Atmospheric Pollution Research</i>	<i>2018</i>	<i>English</i>
<i>Basic Occupational Health Services for agricultural workers in south of Iran</i>	<i>Annals of Global Health</i>	<i>2018</i>	<i>English</i>
<i>Effect of number of nozzles, ammonia gas density and liquid pressure of washer water on the efficiency of removal of ammonia gas in the air in a spray tower</i>	<i>Iran occupational health journal</i>	<i>2018</i>	<i>English</i>
<i>Biological monitoring of the oncology healthcare staff exposed to cyclophosphamide in two hospitals in Tehran</i>	<i>Iranian Journal of Cancer Prevention</i>	<i>2019</i>	<i>English</i>
<i>effect of using acidic water composition on removal efficiency of air ammonia in a spray tower</i>	<i>Occupational Hygiene and Health Promotion Journal</i>	<i>2020</i>	<i>Persian</i>
<i>Risk Assessment of Musculoskeletal Disorders in Hospital Personnel due to Patient Transfer by DINO and PTAI in Selected Hospitals Affiliated to Shahid Beheshti University of Medical Sciences, Tehran, Iran</i>	<i>Journal Military Medicine</i>	<i>2020</i>	<i>Persian</i>

Papers presented in congress			
Title	Congress	<i>year</i>	<i>Place</i>
The potential risks of nanomaterial's	The 5th University students Conference on Innovation in Health Sciences	2010	Tehran-Iran
Nanoparticles-known an unknown health risks	The 5th University students Conference on Innovation in Health Sciences	2010	Tehran-Iran
Application of Nanotechnology in the detection and measurement of air pollutants	The 5th University students Conference on Innovation in Health Sciences	2010	Tehran-Iran
Comparison of asbestos fiber count by two microscopic methods	7th national conference on health and safety at work	2011	Ghazvin-Iran
Development of a new method for sampling and monitoring oncology staff exposed to cyclophosphamide drug	The 8th APOCP international conference	2015	Tehran-Iran
Biological monitoring of occupational exposure to Cyclophosphamide at the oncology wards of two hospitals in the Tehran	14th Iranian Congress of Toxicology	2017	Shiraz-Iran
<i>The effect of simultaneous exposure to whole body vibration and noise on changes in spermogram indices and sperm morphology of mice</i>	<i>10th National Congress of Occupational Health & Safety</i>	<i>2020</i>	Tehran-Iran

List of research projects			
Title	Type of cooperation	year	Status
Investigation of asbestos fiber concentration in Tehran air	Collaborator	2008	Finished
Occupational exposure to cement dust and respiratory system disorders in workers of a cement factory in Ilam	Collaborator	2008	Finished
Comparison of asbestos factor counting using two phase microscopes and qualitative detection of chrysotile asbestos fiber by FTIR spectrometer	Collaborator	2010	Finished
Design and validate of MPI methods to assess of occupational exposure to Cyclophosphamide drug and determine the effectiveness of educational intervention in reducing the risk of exposure to Cyclophosphamide in the oncology staff at the two hospitals of Shahid Beheshti University of Medical Sciences in 2014	Collaborator	2014	Finished
<i>Assessment of the effects of educational intervention on the level of some oxidative stress parameters in Oncology staff of selected hospitals</i>	<i>Manager</i>	<i>2019</i>	Finished
<i>Investigating the effect of job stress on oxidative stress and job performance of nurses in selected hospital in Sanandaj</i>	Collaborator	<i>2019</i>	Finished

Teaching

Principle of Air Pollution Control	Shahid Beheshti University of Medical Sciences
Lightening and Lightening design	Shahid Beheshti University of Medical Sciences
Safety at Work	Shahid Beheshti University of Medical Sciences
Fluid Mechanics	Shahid Beheshti University of Medical Sciences
General Chemistry	Shahid Beheshti University of Medical Sciences
Analytical Chemistry	Shahid Beheshti University of Medical Sciences
Analysis and evaluation of air samples	Shahid Beheshti University of Medical Sciences
Technical Language	Shahid Beheshti University of Medical Sciences
Introduction to Industries	Shahid Beheshti University of Medical Sciences
Principles of workplace sampling	Shahid Beheshti University of Medical Sciences
Occupational Toxicology	Medical Science Branch Of Islamic Azad University
Safety and Health	Tehran University of Medical Sciences
effectiveness Analysis of system safety	Tabnak University of Lamerd
Safety in transportation and public services	Tabnak University of Lamerd
Building and Mining Safety	Tabnak University of Lamerd
Safety Lab	Tabnak University of Lamerd
Radiation Health	Ilam University of Medical Sciences
Generalities Environment	Ilam University of Medical Sciences

Awards and Honors

- 2005 5st rank in national entrance examination of universities for BSc degree
2008 3st rank in national entrance examination of universities for MSc degree
2012 4st rank in national entrance examination of universities for PhD degree

Languages

- English Fluent in reading and good in speaking, writing and listening
Persian Fluent in speaking, writing, reading and listening