

# Curriculum Vitae

## Amin Babaei-pouya

Instructor in Department of Occupational Health and Safety



School of Public Health and Safety, Ardabil University of Medical Sciences, Ardabil, Iran

Engineering



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## Education

### background

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Degree	Major	Tendency	University	Title of Dissertation
Ph.D. Student	Occupational Health	Safety at work	Tarbiat Modares University	-
M.Sc.	Occupational Health	Ergonomic	Isfahan University of Medical Sciences	The comparative study of evaluating human error assessment and reduction technique and cognitive reliability and error analysis method techniques in the control room of the cement industry
B.Sc.	Occupational Health	Occupational Health	Tehran University of Medical Sciences	-

## Research Interests

### Interests

Safety and Ergonomics in the workplace

Physical factors of sound, vibration, radiation and lighting in the workplace

## Employment experience

Year	Rank	Department	College	University
2018-2021	Responsible	Head of the university cooperation office with industry and society	-	Ardabil University of Medical Sciences
2011-2017	Responsible	Occupational health official of the city	-	Ardabil University of Medical Sciences
2008-2010	Responsible	Responsible for comprehensive urban health center	-	Ardabil University of Medical Sciences

## Teaching experience

Course	Degree	University
Radiation health	B.Sc.	Ardabil University of Medical Sciences
Safety of electricity and machinery	B.Sc.	Ardabil University of Medical Sciences
Accidents caused by work and emergencies	B.Sc.	Ardabil University of Medical Sciences
Industrial Management	B.Sc.	Ardabil University of Medical Sciences
Integrated management systems	B.Sc.	Ardabil University of Medical Sciences
Familiarity with industries and knowledge of industrial techniques	B.Sc.	Ardabil University of Medical Sciences
Safety and risk management	B.Sc.	Ardabil University of Medical Sciences
Occupational ergonomics 1	B.Sc.	Ardabil University of Medical Sciences
Occupational ergonomics 2	B.Sc.	Ardabil University of Medical Sciences
General safety and occupational health	B.Sc.	Ardabil University of Medical Sciences
Radiation health and protection	B.Sc.	Ardabil University of Medical Sciences
safety and occupational health	B.Sc.	Ardabil University of Medical Sciences

## Publication (Book)

Title	Publication	Year	Language	Status
Acquaintance and implementation of two techniques "Evaluation and reduction of human error" (HEART) and "Error analysis with emphasis on human cognitive reliability" technique (CREAM)	Negin Sablan- Iranian Safety Scientific Association	2016	Persian	Printed
Medical errors and patient safety	Iranian Safety Scientific Association	2021	Persian	Printed

## Publication (Article)

Title	Journal	Year
Validation of a temperature-humidity index (Humidex) in evaluating heat stress at a tile factory in Iran	Work	2023
Work-related musculoskeletal disorders and related risk factors among bakers: A systematic review	Work	2023
Evaluating Critical Safety and Health Risks by Job Safety Analysis and Analytic Hierarchy Process in Industrial Printing	Health in Emergencies and Disasters Quarterly	2023
The Effect of Bright Light Intervention on Sleepiness and Oral Temperature of Night Health Care Workers in Hospital: A Clinical Trial Study	Journal of Occupational Health and Epidemiology	2023
A multicomponent quasi-experimental ergonomic interventional study: long-term parallel four-groups interventions	BMC Musculoskeletal Disorders	2023
Latent class analysis of occupational accidents patterns among Iranian industry workers	Scientific Reports	2022
Intensive Care Unit Nurses in Iran: Occupational Cognitive Failures and Job Content	Frontiers in Public Health	2022
Risk Perception in the COVID-19 pandemic; a health promotion approach	Journal of Education and Health Promotion	2022
Quality of life in health Iranian elderly population approach in health promotion: A systematic review	Journal of Education and Health Promotion	2022
Covid-19 Preventive Behaviors in the Lifestyle of the Iranian Society, One Year after the Pandemic	Journal of Occupational Health and Epidemiology	2022
Mental Workload and Job Satisfaction in Healthcare Workers: The Moderating Role of Job Control	Frontiers in Public Health	2021
The quality of life in health Iranian elderly population approach in health promotion: A systematic review	Work	2021
Exposure to BTEX concentration and the related health risk assessment in printing and copying centers	Environmental Science and Pollution Research	2021
Failure Mode and Effects Analysis and Risk Priority Number in a Combined Cycle Power Plant	Archives of Occupational Health	2021

Analyses and anticipating the future trend of accidents in an electricity distribution company of Iran: A time series analysis	Work	2021
Health in disasters in Iranian schools: A systematic review	Journal of Education and Health Promotion	2021
Health Behaviors of Livestock Industry Workers Regarding Crimean-Congo Hemorrhagic Fever in Northwest of Iran	Research square	2020
The health effects of quarantine during the COVID-19 pandemic	Work	2020
Identification Of Health, Safety, and Environment Aspects In Cement Factory Using AHP And FMEA Techniques	Iranian Journal of Health Sciences	2020
The Relationship of General Health Condition with Safety Attitudes and Demographical Specifications in Workers of Car after-Sale .Services Workshops Iran 2019	Indian Journal of Forensic Medicine & Toxicology	2020
Gamma radiation in the mineral hot springs of Ardabil, Iran: Assessment of Environmental Dose Rate and health risk for swimmers	Environmental Monitoring and Assessment	2020
Musculoskeletal Disorders Evaluation of Glass Factory Workers using the Discomfort Survey Questionnaire and Assessment Repetitive Tasks (ART) Method	International Journal of Musculoskeletal Pain Prevention	2020
Effect of simultaneous implementation of ergonomic interventions and management decisions on reduction of musculoskeletal disorders and improvement of work postures between Milk sector workers of dairy factory	Iran Occupational Health	2020
Investigating the match between anthropometric measures and the classroom furniture dimensions in Iranian students with health approach	Journal of Education and Health Promotion	2020
Evaluation of musculoskeletal disorders and level of work activity in staff of the public educational hospital of Iran, 2019	Malaysian Journal of Medicine and Health Sciences	2020
A qualitative and quantitative assessment of the risk of human errors in midwifery tasks in child delivery ward using engineering approach (ea) and predictive human errors	Malaysian Journal of Medicine and Health Sciences	2020
Relationship between medical leaves due to musculoskeletal disorders and physical activity level in workers at cement industry-Iran 2019	Malaysian Journal of Medicine and Health Sciences	2020
The relationship between job burnout and occupational cognitive failures in nurses at educational hospitals of Ardabil University of Medical Sciences, Iran	Malaysian Journal of Medicine and Health Sciences	2020
Identification and Assessment of Occupational Hazards in Informal Waste Pickers Using Job Hazard Analysis.	Indian Journal of Forensic Medicine & Toxicology	2019
Prevalence of Musculoskeletal Disorders in Steel Industry Workers and its Association with RULA's Method Results	International Journal of Musculoskeletal Pain Prevention	2019
Musculoskeletal Disorders among Healthcare Network Staff using (Rapid Office Strain Assessment (2019	International Journal of Musculoskeletal Pain Prevention	2019
Analyzing nurses' responsibilities in the neonatal intensive care unit using sherpa and spar-h techniques	Shiraz E Medical Journal	2019
Evaluation of Workplaces and Corrective Actions in the Central Iranian Steel Industries	Archives of Hygiene Sciences	2018
Ergonomic Evaluation of Occupational Tasks in a Sofa Making Workshop Based on KIM and Presentation of Corrective Actions	International Journal of Musculoskeletal Pain	2018

	Prevention	
The relationship between shift work and occupational burnout among nurses in a teaching hospital in Ahvaz	Occupational hygiene and health promotion journal	2017
Human error analysis in neonatal intensive care unit by predictive analysis of cognitive errors	J Occup Environ Health	2017
Chemical health risk assessment: a case study at a concrete product workplace	Journal of Occupational and Environmental Health	2017
Factors Affecting the Maximum Aerobic Capacity of Mine Workers in Isfahan, Iran	Journal of Health System Research	2016
Occupational Health and Safety Climate Assessment and Factors affecting it in Small Workshops Ardabil	Journal of Occupational and Environmental Health	2016
The comparative study of evaluating human error assessment and reduction technique and cognitive reliability and error analysis method techniques in the control room	International Journal of Environmental Health Engineering	2015

### Thesis/dissertation

Title	Degree	Role	University	Year	Status
Examining the frequency of sick building syndrome and environmental factors related to it in nurses working in special departments of Ardabil hospitals in 2018	M.Sc.	Advisor	Ardabil University of Medical Sciences	2021	Finish
Investigating the relationship between occupational cognitive failures and job content in nurses of special departments of medical education and social security centers in Ardabil, 2019	M.Sc.	Advisor	Ardabil University of Medical Sciences	2021	Finish

### Awards and Honors

Eminent faculty member from school of health	2019
Eminent employee from health center	2010

### Skills

Others
Passed information technology training courses for government employees on the seven skills ACCESS-WORD-POWER POINT-EXCELL-IT-INTERNET
Passing HSE PLAN and OHSAS18001 courses
Familiarity with SPSS software
Familiarity with Expert Choice software

Familiarity with Design-Expert software  
Familiarity with DIALUX softwar