

# Curriculum Vitae

---

## Amin Babaei-pouya

Instructor in Department of Occupational Health and Safety Engineering



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



+98 45 33513775 Ext: 231



amiin.pouya@gmail.com



---

## Education background

| 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 |
|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------|
| 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 Prevention | 2018 |
| 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                                                                                                        |