### **Curriculum Vitae**

## Behzad Saranjam

Instructor in Department of Occupational Health and Safety Engineering



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Education background

| 24444000 Nacingi Valla |                        |                      |  |   |  |
|------------------------|------------------------|----------------------|--|---|--|
| Degree                 | Major                  | Tendency             | University   | Title of Dissertation   |  |
| M.Sc.                  | Occupational<br>Health | Developing<br>Method | Shahid Beheshti<br>University of<br>Medical Sciences | Validation Of A Method<br>Adapted From NIOSH For The<br>Analysis Of Airborne Crystalline<br>Silica Aerosols |  |
| B.Sc.                  | Occupational<br>Health | -                    | Shahid Sadoughi<br>University of<br>Medical Sciences | -   |  |

### Research Interests

#### **Interests**

Sampling, evaluation and control of workplace air pollutants

Assessment and control of air pollution and design of industrial ventilation systems Modeling

**Employment experience** 

|           | P          | J  |                  |  |
|-----------|------------|--|------------------|--|
| Year      | Rank       | Department                                 | College          | University                                   |
| 2015-2023 | Instructor | Occupational Health and safety Engineering | School of Health | Ardabil University<br>of Medical<br>Sciences |

Teaching experience

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|--|------------|--|--|--|
| Course   | Degre<br>e | University                             |  |  |
| Analysis and Evaluation of Air Samples             | B.Sc.      | Ardabil University of Medical Sciences |  |  |
| Basics of Air Pollution Control                    | B.Sc.      | Ardabil University of Medical Sciences |  |  |
| Industrial Ventilation                             | B.Sc.      | Ardabil University of Medical Sciences |  |  |
| Occupational Toxicology                            | B.Sc.      | Ardabil University of Medical Sciences |  |  |
| Apply of Chemicals and Poisons                     | B.Sc.      | Ardabil University of Medical Sciences |  |  |
| Chemical Safety                                    | B.Sc.      | Ardabil University of Medical Sciences |  |  |
| Heat Stress in the Workplace                       | B.Sc.      | Ardabil University of Medical Sciences |  |  |
| Occupational Health                                | B.Sc.      | Ardabil University of Medical Sciences |  |  |
| Heat And Cold Stress At Workplace                  | B.Sc.      | Ardabil University of Medical Sciences |  |  |
| Gases and Aerosols Dynamics                        | B.Sc.      | Ardabil University of Medical Sciences |  |  |
| The Basics of Sampling Pollutants in The Workplace | B.Sc.      | Ardabil University of Medical Sciences |  |  |

Publication (Books)

| Title   | Publication                                    | Year | Language | Status  |
|---|--|------|----------|---------|
| The Study Of 100<br>Tremendous Events                             | Fadak Isatis                                   | 2017 | Persian  | Printed |
| Aerosol technology  | Ardabil University of<br>Medical Sciences      | 2018 | Persian  | Printed |
| Industrial ventilation (ACGIH) 30 <sup>th</sup> Edition, Volume 1 | Shahid Beheshti University of Medical Sciences | 2021 | Persian  | Printed |
| Industrial ventilation (ACGIH) 30 <sup>th</sup> Edition, Volume 2 | Shahid Beheshti University of Medical Sciences | 2021 | Persian  | Printed |

**Publication(Articles)** 

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|--|--------------------------|------|
| Title  | Journal                  | Year |
| Evaluation of Occupational Exposure with Vinyl         | Journal of Safety        |      |
| Chloride Monomer in the Plastic Production Industry in | Promotion and Injury     | 2014 |
| Tehran   | Prevention               |      |
| Occupational Health and Safety Climate Assessment and  | Journal of Occupational  | 2016 |
| Factors Affecting It in Small Workshops Ardabil        | and Environmental Health | 2010 |

| Investigating Prevalence and Factors Associated with<br>Shiftwork Disorder in Nurses of Selected Hospitals of<br>Shahid Beheshti University of Medical Sciences in 2014  | Journal of Occupational and Environmental Health               | 2016 |
|--|--|------|
| Noise Reduction Using Technical and Engineering Measures in Welding Unit of a Water Heater Manufacture Plant in Tehran   | Journal of Occupational and Environmental Health               | 2016 |
| Assessment of Exposure to Ultraviolet and Infrared<br>Radiation and the Effect of Ocular Protection on Workers<br>in the Steel Industry                                  | Journal of Occupational and Environmental Health               | 2017 |
| An Experimental Study of the Effects of Combined<br>Exposure to Microwave and Heat on Gene Expression<br>and Sperm Parameters in Mice                                    | Journal of Human<br>Reproductive Sciences                      | 2017 |
| Risk Evaluation of Construction Workers' Exposure to Silica Dust and the Possible Lung Function Impairments  | TANAFFOS   | 2017 |
| Investigating the Relationship between the Rate of Perceived Exertion with Heart Rate and Deep Temperature in Laboratory Condition in Order to Assess the Thermal Strain | Journal of Occupational and Environmental Health               | 2018 |
| Exposure and risk assessment of PAHs in indoor air of waterpipe cafés in Ardebil, Iran   | Building and Environment                                       | 2019 |
| Hospital Occupational Safety and Health Risk Assessment  | Pakistan Journal of<br>Medical and Health<br>Sciences          | 2020 |
| Assessment of Health and Safety Hazards in Hospitals using five methods and comparing the results with the FMEA method   | Pakistan Journal of<br>Medical and Health<br>Sciences          | 2020 |
| The Effect of Cellular Phone Microwave Radiation on<br>Sperm Fertility Indices (Count, Motility, Viability and<br>Morphology) in Mice                                    | Journal of Health  | 2020 |
| The Relationship of General Health Condition with<br>Safety Attitudes and Demographical Specifications in<br>Workers of Car after-Sale Services Workshops Iran 2019      | Indian Journal of Forensic<br>Medicine & Toxicology            | 2020 |
| Gamma radiation in the mineral hot springs of Ardabil,<br>Iran: Assessment of Environmental Dose Rate and health<br>risk for swimmers                                    | Environmental Monitoring and Assessment                        | 2020 |
| The Effects of Implementing an Occupational Health and Safety Management System on Functional Indices: A Five-year Study in Casting Industry                             | Malaysian Journal of<br>Medicine and Health<br>Sciences        | 2020 |
| The effects of ventilation and building characteristics on indoor air quality in waterpipe cafés   | Journal of Exposure<br>Science & Environmental<br>Epidemiology | 2020 |

| Survey of General Health of Shift Workers of Tehran<br>Tunnel Construction Using GHQ Questionnaire  | Journal of Health                            | 2021 |
|---|--|------|
| Exposure to BTEX concentration and the related health risk assessment in printing and copying centers   | Environmental Science and Pollution Research | 2021 |
| Characteristics and health risk assessment of heavy metals in indoor air of waterpipe cafes   | Building and Environment                     | 2021 |
| Urinary concentrations of BTEX in waterpipe smokers and nonsmokers: Investigating the influence of conventional activities and multiple factors | Ecotoxicology and Environmental Safety       | 2022 |
| Latent class analysis of occupational accidents patterns among Iranian industry workers   | Scientific reports                           | 2022 |

# Thesis/dissertation

| Title   | Degree                 | Role    | University                                   | Year | Status   |
|---|------------------------|---------|--|------|----------|
| Investigating the amount of metal mercury in the air dental clinics in Ardabil city in 1400 | doctor of<br>dentistry | Advisor | Ardabil University<br>of Medical<br>Sciences | 2022 | Finished |

# Skills

### Others

Proficiency In Surfer Software

Proficiency In Surfer Software

Mastery Of Endnote Software

Proficiency in Office Software

Consultation, Evaluation and Design of Industrial Ventilation

Training of Safety Courses