

## *CURRICULUM VITAE*

### **Personal details:**

---

#### **Iman Dianat**

Associate Professor

Department of Occupational Health,  
Faculty of Health, Attare-Neishaburi St.,  
Golgasht St., Tabriz, Iran.

Work Tel: (+98) 411 33357580-3

Email: dianati@tbzmed.ac.ir



Date of Birth: 21 April 1975

Place of birth: Isfahan – Iran

Nationality: Iranian

Gender: Male

Marital Status: Married

---

### **Education and qualifications:**

---

**1995–1998: BSc** in Occupational Health and Safety – Isfahan University of Medical Sciences, Iran

*Main courses taken:* Ergonomics, Occupational Safety, Noise and Vibration, Lighting, Industrial Ventilation, Toxicology, Thermal Conditions of Working Places, Work-related Diseases

*Final year project:* Evaluation of Noise Level in an Iranian Metal Work Industry

**1999–2001: MSc** in Occupational Health and Safety – Tehran University of Medical Sciences, Iran

*Main courses taken:* Ergonomics, Occupational Safety, Noise and Vibration, Lighting, Industrial Ventilation, Toxicology, Thermal conditions of working places, Work-related diseases

*Dissertation:* Manual Material Handling and Musculoskeletal Symptoms among Material Handler Workers in a Shipping Port in Southwest Iran

**2005–2008: PhD\*** in Human Factors / Ergonomics – University of Nottingham, UK

*Thesis:* Evaluating Effects of Protective Gloves on Hand Capabilities and Comfort in Industrial Assembly Work

\* **PhD scholarship** was awarded by Iranian Ministry of Health and Medical Education (ranked 2nd among more than 250 applicants in the national entrance exam for PhD admissions)

*Taught courses taken (from MSc in Human Factors):* Studying Human Performance, Advanced Methods in Human Factors, Physical Stresses at Work, Cognitive Ergonomics, Ergonomics of the Working Environment, Safety and Human Reliability, Work Organization and Job Design, Human-Centered Systems Design

---

## Employment history:

---

**2000–2002: Safety and Health Advisor** – Industrial Engineering Research Centre, Amir-Kabir University, Iran

**2002-2004: Lecturer** – Department of Occupational Health, Kerman University of Medical Sciences, Iran

**BSc courses taught:** Safety at work, Human factors (Ergonomics), Occupational accidents, Environmental conditions of working places

**2009–present: Lecturer** – Department of Occupational Health and Ergonomics, Tabriz University of Medical Sciences, Iran

**BSc courses taught:** Safety at work, Human factors (Ergonomics), Risk evaluation and management, Environmental conditions of working places

**MSc courses taught:** Participatory ergonomics, Cognitive ergonomics, Anthropometry, Ergonomics of design

**MSc dissertation supervision**

---

## Professional activities:

---

**2010–2011:** Member of the Institute of Standards and Industrial Research of Iran (for ergonomics of thermal environments and for danger signals for public and work areas)

**2009–present: Refereeing for journals** including Ergonomics, Iranian Journal of Public Health, Anesthesiology and Pain Medicine Journal, Health Promotion Perspectives – An International Journal

**2010–present: Associate editor,** Health Promotion Perspectives (HPP)

**2012–present: Editorial board,** Journal of Ergonomics (In Persian)

---

## Research interests:

- Ergonomics / Human Factors (particularly Physical Ergonomics, Designing Consumer Products, Workstation Design, and Ergonomics for Children, Elderly and Disabled People)
- Home and Workplace Safety
- Occupational, Home and Traffic Accident Prevention  
Patient Safety in Hospitals

## Publications:

## **International conference papers:**

1. **Iman Dianat**, Christine M. Haslegrave. (2008) Glove Effects on Hand Performance Capabilities in a Light Assembly Task. In: Bust, P.D., (ed.) *Contemporary Ergonomics 2008*, 430–435. London: Taylor & Francis.
2. **Iman Dianat**, Christine M. Haslegrave. (2008) Short and Long Term Effects of Protective Gloves on Hand Performance for Light Assembly Tasks, In: *Proceedings of the First International Conference on Ergonomics*, Tehran, Iran, 94–100.
3. Jalil Nazari, **Iman Dianat**. (2010) Unintentional Carbon Monoxide Poisoning by Gas Appliances in Northwest Iran: a 5-Year Study. In: *Proceedings of the 19th International Conference on Safe Communities, Suwon, Korea*, 126.
4. Zeynab Javadivala, Hamid Allahverdipour, Siamak Sabour, **Iman Dianat**. (2011) Parent Awareness Regarding Carrying School Bags among Primary School Students in Tabriz. In: *Proceedings of the First International & 4<sup>th</sup> National Congress on Health Education & Promotion*, 16-19 May 2011, Tabriz, Iran, 222.
5. Hamid Allahverdipour, Zeynab Javadivala, Siamak Sabour, **Iman Dianat**. (2011) Contribution of Parents and Children in Selection and Use of School Bags. In: *Proceedings of the First International & 4<sup>th</sup> National Congress on Health Education & Promotion*, 16-19 May 2011, Tabriz, Iran, 345–346.
6. Ahmad Asl Hashemi, **Iman Dianat**, (2011) The role of Dogma in Community Health Promotion. In: *Proceedings of the First International & 4<sup>th</sup> National Congress on Health Education & Promotion*, 16-19 May 2011, Tabriz, Iran, 268.
7. **Iman Dianat**, Aida Pourhossein, Nasibeh Sorkhi, Musculoskeletal complaints among high school students in relation to schoolbag carriage. *International Conference on School Health*, October 19-20, Shiraz, Iran.

## **Journal Papers:**

1. Jalil Nazari, **Iman Dianat**, Alex Stedmon, 2010. Unintentional carbon monoxide poisoning in Northwest Iran: A 5-year study. *Journal of Forensic and Legal Medicine*, 17:388–391.
2. **Iman Dianat**, Christine M. Haslegrave, Alex W. Stedmon, 2010. Short and longer duration effects of protective gloves on hand performance capabilities and subjective assessments in a screw-driving task. *Ergonomics*, 35(12): 1468–1483.
3. **Iman Dianat**, Jalil Nazari, 2011. Characteristics of unintentional carbon monoxide poisoning in Northwest Iran — Tabriz. *International Journal of Injury Control and Safety Promotion*, 18 (4), 313–320.

4. **Iman Dianat**, Zeynab JavadiVala, Hamid Allahverdipour, 2011. School bag weight and the occurrence of low back, shoulder and hand/wrist symptoms among Iranian elementary school children. *Health Promotion Perspectives*, 1, 76–85.
5. **Iman Dianat**, Christine M. Haslegrave, Alex W. Stedmon. (2012) Using pliers in assembly work: short and long task duration effects of gloves on hand performance capabilities and subjective assessments of discomfort and ease of tool manipulation. *Applied Ergonomics*, 43 (2), 413–423.
6. **Iman Dianat**, Christine M. Haslegrave, Alex W. Stedmon, 2012. Methodology for Evaluating Gloves in Relation to the Effects on Hand Performance Capabilities: A Literature Review. *Ergonomics*, 55 (11), 1429–1451.
7. Alex W. Stedmon, Hannah Howells, John R. Wilson, **Iman Dianat**, 2012. Ergonomics/Human Factors Needs of an Ageing Workforce in the Manufacturing Sector. *Health Promotion Perspectives*, 2 (2), 112–125.
8. **Iman Dianat**, Mohammad Ali Karimi, Ahmad Asl Hashemi, Samira Bahrapour, 2013. Classroom furniture and anthropometric characteristics of Iranian high school students: Proposed dimensions based on anthropometric data. *Applied Ergonomics*, 44 (1), 101–108.
9. Zeynab JavadiVala, Hamid Allahverdipour, **Iman Dianat**, Mohammad Asghari-Jafarabadi, 2012. Awareness of parents about characteristics of a healthy school backpack. *Health Promotion Perspectives*, 2 (2), 166–172.
10. Jalil Nazari, Nader Mahmoudi, **Iman Dianat**, Richard Graveling, 2012. Working conditions in carpet weaving workshops and musculoskeletal complaints among workers in Tabriz – Iran. *Health Promotion Perspectives*, 2 (2), 265–273.
11. **Iman Dianat**, Zeynab JavadiVala, Mohammad Asghari-Jafarabadi, Ahmad Asl Hashemi, Christine M. Haslegrave, 2012. The Use of School Bags and Musculoskeletal Symptoms among Primary School Children: Are the Recommended Weight Limits Adequate? *Ergonomics*, 56 (1), 79–89.
12. **Iman Dianat**, Ali Sedghi, Javad Bagherzade, Mohammad Asghari Jafarabadi, Alex W. Stedmon, 2013. Objective and subjective assessments of lighting in a hospital setting: implications for health, safety and performance. *Ergonomics*, 56 (10), 1535–1545.
13. Samira Bahrapour, Jalil Nazari, **Iman Dianat**, Mohammad Asghari-Jafarabadi, 2014. Student's body dimensions in relation to classroom furniture. *Health Promotion Perspectives*, 3, 165–174.
14. Abdollah Vahedi, **Iman Dianat**, 2014. Employees' perception of lighting conditions in manufacturing plants: Associations with illuminance measurements. *Journal of Research in Health Sciences*, 14, 40–45.
15. **Iman Dianat**, Nasibeh Sorkhi, Aida Pourhossein, Arezou Alipour, Mohammad Asghari-Jafarabadi, 2013. Neck, shoulder and low back pain in secondary schoolchildren in relation to schoolbag carriage: should the recommended weight limits be gender-specific? *Applied Ergonomics*, 45 (3), 437–442.

16. **Iman Dianat**, Arezou Salimi, 2014. Working conditions of Iranian hand-sewn shoe workers and associations with musculoskeletal symptoms. *Ergonomics*, 57 (4), 602–611.
17. **Iman Dianat**, Mohammad Ali Karimi, 2014. Association of parental awareness of using schoolbags with musculoskeletal symptoms and carrying habits of schoolchildren. *Journal of School Nursing*, 30 (6), 440–447.
18. Mohammad Mosaferi, **Iman Dianat**, Mohammad Shaker Khatibi, Sepideh Nemati, Mansour Mohammad Fahiminia, Ahmad Asl Hashemi, 2014. Review of environmental aspects and waste management of stone cutting and fabrication industries. *Journal of Material Cycles and Waste Management*, 16 (4), 721–730.
19. **Iman Dianat**, Christine M. Haslegrave, Alex W. Stedmon, 2013. Design options for improving protective gloves for industrial assembly work. *Applied Ergonomics*, 45 (4), 1208–1217.
20. **Iman Dianat**, Zahra Ghanbari, Mohamad Asghari-Jafarabadi, 2014. Psychometric properties of the Persian language version of the System Usability Scale. *Health promotion perspectives*, 4 (1), 82–89.
21. Edris Ghaderi, Ali Maleki, **Iman Dianat**, 2014. Design of combine harvester seat based on anthropometric data of Iranian operators. *International Journal of Industrial Ergonomics*, 44 (6), 810–816.
22. Ahmad Bazazan, Yahya Rasoulzadeh, **Iman Dianat**, Abdolrasoul Safaiyan, Zohre Mombeini, Ehsa Shiravand, 2014. Demographic Factors and their relation to Fatigue and Mental Disorders in 12-Hour Petrochemical Shift Workers. *Health promotion perspectives*, 4 (2), 165–172.
23. Ali Eteraf Oskouei, Nehzat Ferdosrad, **Iman Dianat**, Mohamad-Asghari Jafarabadi, Jalil Nazari, 2014. Electromyographic activity of soleus and tibialis anterior muscles during ascending and descending stairs of different heights. *Health promotion perspectives*, 4 (2), 173–179.
24. **Iman Dianat**, Moein Nedaei, Mohammad Ali Mostashar Nezami, 2015. The effects of tool handle shape on hand performance, usability and discomfort using masons' trowels. *International Journal of Industrial Ergonomics*, 45, 13–20.
25. **Iman Dianat**, Hossein Feizi, Kosar Hasan-khali, 2015. Pinch Strengths in Healthy Iranian Children and Young Adult Population. *Health promotion perspectives*, 5 (1), 52–58.
26. **Iman Dianat**, Madeh Kord, Parvin Yahyazade, Mohammad Ali Karimi, Alex Stedmon, 2015. Association of individual and work-related risk factors with musculoskeletal symptoms among Iranian sewing machine operators. *Applied Ergonomics*, 51, 180–188.
27. **Iman Dianat**, Behzad Asadi, Mohammad Asghari Jafarabadi, 2015. Wrist ulnar/radial torque strength measurements among Iranian population: the effects of age, gender, Body Mass Index and hand dominance. *Work*, In press.