Curriculum Vitae

Surname:	**Azari**
Middle Initial:	**R**
Forename:	**Mansour**
Title:	**Dr.**
Date of Birth:	**8th January 1951**
Nationality:	**Iranian**
Marital Status:	**Married**
No. of Children:	**Two daughters**

Home Address: Zafaranieh, Asef St. Shahid Behashti Residential Complex
Block No.2 Apt# 1
Tehran /Iran
Postal Code# 19888

Work Address:College of Public Health
Shaheed Behashti University of Medical Sciences
Shahid Chamran High Way
Evin District Daneshjoo Square
Tehran / Iran

E-Mail Address: ***mrazari@hotmail.com***

Brief history of the academic history:

I am full time professor at the School of Public Health, Shahid Beheshti University of Medical Sciences with 26 years of work history. I have been involved in teaching in undergraduate, graduate (M.S. And Ph.D) programs and co-authored of few books and first author of more than 30 scientific articles in Iranian and international journals. I have also served as an advisor to the Iranian Ministry of Health and Medical education, Iranian Environmental Protection Administration and governmental owned industries, during the past years. In past 14 years, I have been executive author and co-author of 17 research projects. I have received many citations from university officials and have initiated the problem based education in my university. I have registered four patents for invention of new method of chemical analysis (BTEX and Oil Mists), new method for neutralizing hexavalent chromium in spent refractory chromite bricks and explored an additive for neutralizing hexavalent chromium in Iranian cement.

Qualifications:

1969 High School Diploma (Mathematics and Sciences)
Tehran/Iran
1970-1974 B.S. Chemistry, University of Oregon
Oregon USA
1978-1979 M.S. in Environmental Health Sciences, Tennessee State University
Tennessee USA
1991-1995 Ph.D. in Occupational Hygiene and Toxicology

Department of Environmental & Occupational Medicine
University of Newcastle upon Tyne
Newcastle UK NE2 4HH
2001-2002 Sabbatical Studies at the School of Public Health, University of California at Los Angeles USA

Employment History:

1978-9 *University of Ahavaz, Lecturer in the department of Public Health*
Ahavaz Iran
1979-82 *Ministry of Health and Medical Education, serving as health expert during the Iranian Cultural Revolution.*
Yazd Iran
1982-to present date: *Serving as a Professor and chair of the Dept. of Occupational Hygiene at the School of Public Health, Shahid Beheshti University of Medical Sciences*
Tehran/ Iran

AWARDS AND SCHOLARSHIPS

One Year Assistantship Award: M.S. Degree in the field of Environmental Health
Tennessee State University
Department of Environmental Health
Tennessee State University
Johnson City Tennessee (1978-9)

A four -year scholarship award: Ph.D. in field of Occupational Hygiene and Toxicology
Iranian Ministry of Health and Medical Education
Tehran Iran (1991-5)

Research grant from Shahid Beheshti University of Medical Sciences: surveying environmental exposure to benzene and its effects on blood parameters of school children aging 10-12 years in four location of city of Tehran (1997).

Research grant from Shahid Beheshti University of Medical Sciences: Feasibility of study applying extract of acorn in treating heavy metals of electroplating wastewater (1998).

Research grant from Shahid Beheshti University of Medical Sciences and Iranian organization for sea ports and shipping: surveying heat stress of sea port employees with two methods of environmental monitoring and biological monitoring (1998).

Short term fellowship from the WHO (EMRO): Visiting WHO's collaboration center in Singapore (March, 1999)

Awarded for the distinguished researcher of the school of public health, Shaheed Behashti University of Medical Sciences (Feb. 2001)

Six Months Fellowship from the Iranian Ministry of Health and Medical Education: Joining a research group in UCLA conducting environmental studies regarding Oxidative Stress and also preliminary studies on Dioxins& Furans (Sept. 2001-April.2002).

Research grant from Shahid Beheshti University of Medical Sciences: Developing a new method for monitoring environmental exposure to BTEX (2002-2004).

Research Grant from WHO (EMRO): Surveying Dioxin-like compounds in Iranian provinces (2002).

Short term fellowship from the WHO (EMRO): Visiting Institute of Risk Assessment at the University of Utrecht, Netherlands (2003).

Research Grant from Ministry of Industry and Shahid Beheshti University of Medical Sciences: Three phase studies: a-Risk assessment of Hexavalent Chromium for cement plants and construction workers, **b**-feasibility study regarding eliminating Hexavalent chromium from finished product and **c**-biological monitoring of workers to hexavalent chromium (2003-9)

Awarded for the distinguished professor of the school of public health, Shaheed Behashti University of Medical Sciences (April 2004).

Awarded for the distinguished professor of the school of public health, Shaheed Behashti University of Medical Sciences (April 2005).

Research grant from Shahid Beheshti University of Medical Sciences: Evaluation of personal exposure of workers in east region of Tehran to crystalline silica aerosols (2006).

Research grant from the Iranian Petrochemical Chemical Company: Risk assessment of workers to hazardous chemicals by using Optical Risk Analysis (2008).

Research grant from Shahid Beheshti University of Medical Sciences: Surveying occupational exposure of computer operators working at the Iranian welfare system to radiation and magnetic field (2008).

International Conferences:

1- Azari M. Biological and biological effect monitoring of workers exposed to nitrogen dioxide. BTS/SETAC MEETING "Biological biomarkers in environmental toxicology". Churchill College University of Cambridge 28-30 March 1994.

2- Azari M. Immunotoxicity of nitrogen oxides in glass craftsmen. European ISSX Workshop Schluchsee, Germany June 12-15,1994.

3- Azari M. Breath Pentane in workers exposed to nitrogen oxides. British Association for Lung Research. Governor's Hall, St Thomas Hospital, London, 19-20 September 1994.

4-Azari M. Analyzing markers of oxidative stress in exhaled breath using newly developed in-tube solid phase microextraction. Special seminar at Department of EHS at the University Of California Los Angeles, (2002).

5-Azari M, Que Hee S. Application of a micro-packed injector for analysis of condensable markers of lipid peroxidation in exhaled breath. Institute of Risk Assessment Gebouw Nieuw Gildestein Yalelaan2, Utrecht-De Uithof, Netherlands(2003).

6-Azari M. and Falaki F.Assessment of dioxins and furans produced by Iranian industrial and municipal sectors. 7th International Congress of Endocrine Disorders, Zakaria Razi Conference Hall, Tehran, Iran (2004).

PUBLICATIONS

1-Azari M. (1989). Translation of WHO publication "assessment of occupational exposure to particulate matters" No.88 (1984) from English to Farsi language. Shahid Behashti Medical University Publication Center.

2-Azari M. (1991). Study of occupational exposure to fumes of iron oxide in mild steel welders. Scientific Proceedings of the Shaheed Behashti Medical University

3-Azari M, Williams F, Blain PG and Edwards J (1994). Biological and biological effect monitoring of workers exposed to nitrogen dioxide. Human Exp. Toxicol; 13(9):647.

4-Azari M, Williams F, Kirby J, Edwards J and Blain PG (1994). Immunotoxicity of nitrogen oxides in glass craftsmen. Proceedings of European ISSX Workshop; 5:46. Schulchsee, Germany.

5-Azari M, Williams F, Blain PG and Henderson DB (1994). High breath pentane in workers exposed to nitrogen oxides. Journal of Respir Med; 88:816.

6-Azari M. (1996) Review article on toxicity of organophosphates. Journal of Public (Health Shaheed Behashti University Of Medical Sciences); 9:24-32.

7-Azari M, Williams F, Kirby J, Edwards J and Blain PG (1996). Immunotoxicity of nitrogen oxides in glass craftsmen. Journal of occupational and Environmental Medicine; 53:248-251.

8-Azari M, Williams F, Blain PG and Edwards J (1997). Potential biomarkers of exposure and effect among glass craftsmen and braziers exposed to nitrogen oxides. Biomarkers; 2:249-354.

9-Maherpoyan P., ladni H, Azari M (1999). Potency of sleeping net impregnated with pyrethriod for Malaria Mesquites. Pajohandeh (Iranian Journal of Medical Sciences);14:193-197.

10-Azari M, et al. (2001). Health impact of paint sprayer's exposure to benzene in the Iranian automobile manufacturing industries. Proceedings of National Congress on skills, health and its rule on industrial development; 32-34. Tehran/ Iran.

11-Azari M. el al.(2002). National Occupational Exposure Limits. Center for occupational and Environmental Health, Iranian Ministry of Health. Arvij Printing Company.

12-Azari M. Moatamedzadeh M.(2003). Evaluating heat stress using environmental and biological markers. Pajohandeh(Iranian Journal of Medical Sciences); 30:307-312.

13-Azari M and Que Hee S (2003). Development of a new method for sampling and analysis of biomarker of lipid peroxidation in exhaled breath. Tanaffos(English Journal of Medical Sciences), 4: 35-42.

14-Azari M and Masoudinejad MR (2004). Feasibility study of using acorn extract as a natural coagulant for treating tannery waste water. Hakim(Official Journal of the Iranian Ministry of Health), Accepted and under print.

15-Azari M and Masoudinejad MR (2004). Extraction of tannic material form acorn seed. Journal of paramedical sciences. Accepted and under print**.**

16-Azari M. and Mohaghaghi (2005). Evaluation of the effect of the environmental exposure to benzene as air pollutant in the blood parameters the children(10-12 years old) in 4 selected areas of Tehran. Tanaffos (English Journal of Medical Sciences). Volume 4(13):47-55.

17-Azari M. and Sadighzadeh A. (2005). Manual of chemical safety for Iranian uranium concentrating facilities. Iranian Atomic Energy Organization.

18-Azari M. and Chamanee A (2005). Occupational health monitoring of computer Numeric Controlled (CNC) Lathe Machinists Exposed to Metal Aerosols. Tanaffos, 4(16): 51-57.

19-Azari M and Khoramzadeh M (2006). Determination and tracing the source of hexavalent chromium in Iranian cement production type 1 & 2. Pajohandeh, 1(49): 49-54.

20-Azari M (2007). Developing a method for reducing hexavalent chromium in spent chromite bricks. Pajohandeh, 4(58): 283-292.

21-Azari M (2007). Surveying an additive for neutralizing hexavalent chromium in cement products. Cement industry, 96, 32-36.

22-**Hatami H, Hatami M and Azari M (2009)**. Survey principal of ethical issues of research and medical ethics of Iranian scholars during past centuries. Tab and Tazkieh, 68-69, 495-500.

23-**Motamedzadeh M and Azari M (2006).** Heat stress using environmental and biological monitoring. Pakestan Journal of Medical Sciences; 9(3): 457-9.

24-**Massoudi Nejad M.R., Azari M.R. and Khatiby M.(2007)**. Treatment of wastewater in plating industry by the extract of acorn. Iran J. Environ. Health. Sci. Eng.,4(1):13-20.

25-**Azari M, Falaki F. and Massoudi Nejad M.R. (2007)** Assessment of Dioxin-like Compounds Released from Iranian Industries and Municipalities. Tanaffos, 6(3):59-64.

26-**Azari M and Ghajari A (2008).** Surveying airborne microbial contamination of dental units in a leading dental school in Tehran. Tanaffos, 7(2),54-57.

27-**Azari M., Massoudi Nejad Mohammad Reza and Saeed Motesadi (2008).** A new sampler and method for analysis of BTEX in ppb range. Tanaffos,7(3),47-52.

28-**Jafari MJ, Azari M and Karimi K.(2008).** Role of local exhaust ventilation in controlling volatile organic compounds in a paint manufacturing industry. Indian Journal of Environmental & Occupational Medicine, 12(2), 82-87.

29-**Jafari MJ, Azari M and Karimi K.(2008).** The Challenges of Controlling Organic Solvents in a Paint Factory due to Solvent Impurity. Industrial Health, 47, 326–332.

30-**Azari Mansour R., Mohammad Rokni, Soussan Salahpour, Yadalah Mehrabi, Mohammad Javad Jafari, Ali Nasermoaddeli, Mohammad Movahadi, Ali Ramazankhani, Hossien Hatami and Mohammad Ali Mosavion (2009).** Risk Assessment of Workers Exposed to Crystalline Silica Aerosols in the East Zone of Tehran. Tanaffos , 8(3), 43-50.

31-**Ganjidost K, Azari M and Tahari M (2008).** National implementation plan for management of persistent organic pollutants. Iranian Stockholm Convention on Persistence Organic Pollutants (Unintentional).

32-**Mansour R. Azari*, Ali Naser Moaddeli, Mohammad Movahadi, Yadollah Mehrabi, Hossein Hatami, Hamid Soori, Elaheh Moshfegh and Behnam Ramazni (2010).** Risk Assessment of asbestosis and lung cancer of workers exposed to asbestos in a leading shoe brake manufacturer factory in Iran. Industrial Health, **48**, 38–42.

ASSOCIATION

Member of the American Conference of Governmental Industrial Hygienist (ACGIH)
Member of the American Industrial Hygiene Association (AIHA)
Member of the American Conference of Governmental Industrial Hygienist (ACGIH)
Member of the American Industrial Hygiene Association (AIHA)
Member of the British Occupational Health and Safety (BOHS)
Member of the Iranian Technical Committee of the Occupational Health at the Iranian Ministry of Health and Medical Education
Member of the board of Occupational Health and Safety examiners at the Iranian Ministry of Health and Medical Education
Member of the Shaheed Beheshti University of Medical Sciences Research Council
Technical Advisor to Iranian Industries on HSE
Chairman of the Committees in charge of setting National Occupational Exposure Limits

TECHNICAL AND EXPERIMENTAL SKILLS
Air Monitoring instrumentation and techniques
- Methods of integrated sampling for gases and vapors
- Sampling and monitoring of aerosols
- Monitoring of hazardous gases and vapors by direct reading methods
- Methods of calibration of air sampling/monitoring equipment

Analytical instrumentation and techniques
-Elemental analysis of environmental specimens by atomic absorption spectrometry
-Phase contrast microscopy for asbestos bodies and particles counting
-Preparation of Volatile Organic Compounds samples by double Stage Thermal Desorber
-Analysis of Volatile Organic Compounds by Gas Chromatography
-Measurement of Liquid Organic and Inorganic Compounds from biological specimens by High Performance Liquid Chromatography
-Measurements of Organic and Inorganic Compounds by Visible and UV Spectroscopy
-Analysis of volatile organic compounds by invented procedure Micro-Packed Injector

Miscellaneous theoretical knowledge
-Environmental and Occupational Toxicology
-Fundamental of mineralogy and minerals identification in Air Samples
-Recognition, evaluation and control of chemical agents at workplace
-Principles of Chemical safety
-Industrial Ventilation

-Air sampling analysis
-Air pollution control
-Occupational Epidemiology
-Risk assessment of environmental and occupational exposures to chemical contaminants
-Statistics: Descriptive statistics, non-parametric statistics, ANOVA, ANCOVA, single and multiple regression analysis, principle component analysis, discriminate analysis

Computer ability
- Windows XP 2003
- Microsoft Office XP
- Statistics: SPSS

Language
English

Presentations:
1-Biological and biological effect monitoring of workers exposed to nitrogen dioxide. BTS/SETAC MEETING "Biological biomarkers in environmental toxicology". Churchill College University of Cambridge 28-30 March 1994.
2-Immunotoxicity of nitrogen oxides in glass craftsmen. European ISSX Workshop Schluchsee, Germany June 12-15,1994.
3-Breath Pentane in workers exposed to nitrogen oxides. British Association for Lung Research. Governor's Hall, St Thomas Hospital, London. 19-20 September 1994.
4-Biomarkers of Lipid Peroxidation . First International Congress of Medical Toxicology for the Asian and Oceanic Countries. Medical University of Tehran, Ave Sina's Conference Hall, 15-18 October 1996.
5-Biomarkers of Immunotoxicity. Health of manpower and Sustained Environment Seminar. Mohammed Ibn Zakaria Razi's Conference Hall, 18-21 November 1998.
6-The Future of Occupational Hygiene in Iran and other countries. Monthly Seminars of the School of Public Health, Shahid Behashti Medical University, Shahid Aghasi's Conference Hall, 10th of February, 1999.
7-Biological monitoring of exposed workers (insulators) to asbestos. Monthly Seminars of the School of Public Health, Shahid Behashti Medical University, Shahid Aghasi's Conference Hall, 18th of December, 1999.
8-Biological monitoring of farmers exposed to organophosphates. Yearly Seminars of Ministry of Health for health experts, Golestan Medical University, University Conference Hall, 10th of January 2000.
9-Biological monitoring of Paint Sprayers exposed to benzene. Monthly Seminars of the School of Public Health, Shahid Behashti Medical University, Shahid Aghasi's Conference Hall, 9th of March 2000.

10-Health impact of paint sprayer's exposure to benzene in the Iranian automobile manufacturing industries. Proceedings of National Congress on Skills, Health and its rule on industrial development, 26th of February 2001.

11-Azari M.(2002). Analyzing markers of oxidative stress in exhaled breath using newly developed in-tube solid phase microextraction. Special seminar at Department of EHS (University Of California Los Angeles).

12-Azari M. Moatamedzadeh M.(2002). Evaluating heat stress using environmental and biological markers. Proceeding of First National Conference of Ergonomics in Iranian Industry and Manufacturing Sectors; 319-325.

13-Khoramzadeh MR, Gholamnia R and Azari M(2002). Evaluating the effects of cement dust exposure in a cement plant. Proceeding of First National Conference of Ergonomics in Iranian Industry and Manufacturing Sectors; 445-447.

14-Azari M, Que Hee S(2003). Application of a micro-packed injector for analysis of condensable markers of lipid peroxidation in exhaled breath. Institute of Risk Assessment Gebouw Nieuw Gildestein Yalelaan2, Utrecht-De Uithof, Netherlands.

15- Azari M (2003). Chemical risk assessment of UCF operation. Iranian Atomic Energy Organization. Dr. Hasabee Lecture Hall.

16-Azari M (2003). Evaluation of the effect of the environmental exposure to benzene as air pollutant in the blood parameters the children(10-12 years old) in 4 selected areas of Tehran. Proceeding of First National Congress of Air Pollution; 34-5.

17-Azari M. (2004). Toxicology of Dioxin-like compounds. First national workshop for Dioxin-like compounds. Ministry of health and medical education.

18-Azari M. (2004). Sampling and analysis of Dioxin-like compounds. First national workshop for Dioxin-like compounds. Ministry of health and medical education.

19-Azari M. (2004). Introducing standardized toolkit for identification of Dioxin-like compounds. First national workshop for Dioxin-like compounds. Ministry of health and medical education.

20-Azari M. (2004). Introducing latest technology (immunoassay method) for analysis of Dioxin-like compounds. First national workshop for Dioxin-like compounds. Ministry of health and medical education.

21-Azari M. (2004). Chemical safety of oil refineries. Environmental, Health and Safety Seminar. Ministry of petroleum.

22-Azari M. (2004). Chemical safety. Environmental, Health and Safety Seminar. Ministry of Health and Medical Education.

23-Azari M. (2004). Unintentional persistent organic pollutants. First national seminar for persistent organic pollutants. Department of environmental protection.

24-Azari M. (2004). Risk assessment of occupational exposure to oil mists in leading Iranian Engine Manufacturing. Fourth national conference of occupational hygiene, Medical University of Hamadan.

25-Azari M. (2005). Rule of risk assessment in rationalizing risk management. Fifth national conference of occupational hygiene, Medical University of Isfahan.
26-Azari M. (2006). Risk assessment of environmental exposure to BTEX in city of Tehran. First National Conference on air pollution. Shaheed Behashti University of Medical sciences.
27-Azari M.(2006). Determination and tracing the source of hexavalent chromium in Iranian cement production. HSE seminar at the University of Sharif.
28-Azari M.(2007). Risk assessment of occupational exposure to carcinogenic compounds (Hexavalent Chromium, Benzene, Asbestos and Arsenic). The first national congress of environment, occupation and cancer at the Tehran Medical University.
29-Azari M.(2007). Surveying Iranian sources of dioxin-like compounds. The first national congress of environment, occupation and cancer at the Tehran Medical University.
30-Azari M.(2007). Inventing a new method for reduction of hexavalent chromium content of spent chromite bricks. The first national congress of environment, occupation and cancer at the Tehran Medical University.
31-Azari M. (2007). Determination of the national priority of actions for Dioxin-like compounds. Department of environmental protection.
32-Azari M. (2007). Risk assessment of occupational exposure of hospital employees to hazardous chemicals. Shahid Beheshti University of Medical Sciences.
33-Azari M. (2007). The crisis of workers exposed to crystalline silica aerosols. Shahid Beheshti University of Medical Sciences.
34-Azari M. (2007). Health effects of Tehran's ambient air pollution. Tehran University, dept. of geophysics.
35-Azari M. (2008). Development of a new sampler and method of analysis for BTEX. Second national conference of HSE seminar at the University of Sharif.
36-Azari M. (2008). Inventing an additive for neutralizing hexavalent chromium in cement product. Second national conference of HSE seminar at the University of Sharif.
37-Azari M. (2008). National Implemental Plan for the management of unintentional persistent pollutants. Department of environmental protection.
38-Azari M. (2008). Development of a new method for sampling and analysis of aerosols of Metal Working Fluids in metal working industries. Pajuhandeh, 13(6): 495-500.

Interests:

I am also very interested in research studies. During past five years, I have completed research projects concerning biomonitoring and risk assessment of workers exposed to hazardous chemicals. I have just completed two research projects: a-surveying all Iranian provinces for the major sources of Dioxins and Furans, which is the the basis of the future elaborate study for measuring those compounds in foods and breast milk. b-studying hexavalent chromium in cement produced in Iran and exploring procedures for its reduction. Presently, I am conducting a research project regarding comprehensive risk

assessment of BTEX exposure in Tehran's fuel depot workers. I am also interested to study the environmental and occupational exposures ozone, organochlorine and organophosphate compounds, and their possible health effects.

Referees:

Professor Peter Blain
Department of Environmental and Occupational Medicine.
The Medical School
University of Newcastle Upon Tyne
United Kingdom NE2 4HH

Professor Faith M. Williams
Department of Environmental and Occupational Medicine.
The Medical School
University of Newcastle-upon-Tyne
United Kingdom NE2 4HH

Dr. John Edwards
Environmental Health Unit
School Of Medicine
Flinder University
GPO Box 210
Australia

Professor Que Hee
Dept. of EHS
School of Public Health
University of California at Los Angeles
Los Angeles, Ca. USA 90095-1772