### Name: Alireza Mosavi-Jarrahi, MSPH, Ph.D.

Address: Dr. Alireza Mosavi-Jarrahi

Associate Prof. of Epidemiology Dept. Social Medicine, Medical School Shahid Beheshti Universitry of Medical Sciences The Cancer Institute Research Center (joint appointment) P.O. Box 15875-4194 Tehran, I.R. of Iran Tel: +98-912-114-5572 Fax: +9821-66428655 E.Mail: <u>rmosavi@yahoo.com</u> or <u>alireza.mosavijarrahi@gmail.com</u> Personal Website: http://sites.google.com/site/epiamosavi/

## Education:

1996:	Post-Doctoral Fellowship in Epidemiology. UTHSC, Houston TX, USA.
1995:	Doctor of Philosophy (Ph. D.) in Epidemiology, University of Texas, School of Public Health, Houston, Texas, USA
1990:	Master of Sciences in Epidemiology, University of Alabama, Birmingham, AL, USA.
1980:	Bachelor of Sciences In Public Health, Institute of Paramedical Sciences. Tehran, Iran.

## Publications

Alireza Mosavi-Jarrahi, Ezanollah Azargashb, Yasaman Mousavi-Jarrahi, Mohammad Ali Mohagheghi. The state of cancer epidemiology curricula in post graduate schools worldwide. J. of Cancer Education 5-5-2011 (E-published ahead).

Davood Khalili, **Alireza Mosavi-Jarrahi**, Fatemeh Eskandari, Yasemen Mousavi-Jarrahi3, Farid Hadaegh, Mohammadali Mohagheghi, and Fereidoun Azizi. Evaluation of cause of deaths' validity using outcome measures from a prospective, population based cohort study in Tehran, Iran. Accepted to be published in PLoS One, **2011** 

Mohammad Ali Mohagheghi, Yasaman Mousavi-Jarrahi, **Alireza Mosavi-Jarrahi**. The cost of care for lung cancer in the first year after diagnosis in Iran, To be published in APJCP, **2011** 

Susan Parsay, **Alireza Mosavi-Jarrahi**, Fariba Arabgol, Azadeh Kiomarcy. Intellectual and behavioral impairment after chemotherapy and radiotherapy among children with cancer in Iran. Asian Pacific J Cancer Prev, 12, 1-6, **2011**  Mohagheghi MA, **Mosavi-Jarrahi** A. Review of cancer Registration and cancer data in Iran; a historical prospect. 2011, Asian Pacific Journal of Cancer Prevention **2010**: (6)1155-57

**Mosavi-Jarrahi A**, Zare M., Sadeghi, **A.** Geographic Information System (GIS), An informative start for challenging process of etiologic investigation of diseases and public health policy making, **2010**, Cancer Bulletin of the Cancer Institute of Iran, Vol 2, No. 1, Pages (38-44).

**Mousavi-Jarrahi, Yasaman**, Mosavi AL, M.A.Mohagheghi. The Indirect Cost of Cancer in Tehran, preliminary report, Cancer Bulletin of the Cancer Institute of Iran, Vol 2, No. 1, Pages (61-65), **2010**.

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Majid Mahmoodi, Asghar Aghamohammadi, Nima Rezaei, Mahboob Lessan-Pezeshki, Gholamreza Pourmand, Mohammad-Ali Mohagheghi, Sina Abdollahzade, **Alireza Mousavi-Jarrahi**. Antibody response to pneumococcal capsular polysaccharide vaccination in patients with chronic kidney disease. Eur. Cytokine Netw., Vol. 20 n° 2, June **2009**, 69-74.

Khodabakhshi R.,Yahyazadeh S.H., Shahidi J., Mortazavi S.H., Alidoosti A., **Mosavi-Jarrahi A.**, Shahrad B. Pediatric Cancers that need radiotherapy in Iran: 30 years of one hospital data analysis, Iranian Journal of Cancer Prevention: **2008**, 1, No.1.

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Alireza Mosavi-Jarrahi', Mehdi Moini, Mohammad-Aali Mohagheghi, Mardawich Alebouyeh, Bahareh Yazdizadeh, 'Akbar Shahabian., Azin Nahvijo, and Reza Alizadeh. Clustering of childhood cancer in inner-city of Tehran metropolitan area; A GIS based analysis. Int. J. Hyg. Environ. Health, 210, 113-119, 2007(a TDR/MRO funded project)

**Alireza Mosavi-Jarrahi1** and Mohammad Ali Mohagheghi. Epidemiology of Esophageal Cancer in the High-Risk Population of Iran (a review). Asian Pacific Journal of Cancer Prevention, Vol 7 (3)1-7, **2006** 

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Bagher Larijani, Mohammad Ali Mohagheghi, Mohammad Hassan Bastanhagh, **Alireza Mosavi-Jarrahi**, Vahid Haghpanah, Seyed Mohammad Tavangar, Fatemeh Bandarian, Nasim Khaleghian. Primary Thyroid Malignancies in Tehran, Iran. Med Princ Pract **2005**;14:396–400.

Bagher Larijani, Shahriar Aghakhani, Vahid Haghpanah, **Alireza Mosavi-Jarrah**i, and Mohammadhasan Bastanhagh. Review of Thyroid Cancer in Iran. Austral - Asian Journal of Cancer ISSN-0972-2556, Vol. 4, No.4, October **2005**, 199-203.

B Larijani1, M Shirzad, MA Mohagheghi, V Haghpanah, **AR Mosavi Jarahi**, SM Tavangar, AR Vassigh, A Hossein-nezhad, F Bandarian, and R Baradar-Jalili. Epidemiologic Feature of Thyroid Cancer Based on Cancer, Registry Data System. Iranian J Publ Health, **2005**, Vol. 34, No. 4, pp.1-7

Vahid H, Babak S, Ramin H, **Alireza Mosavi-Jarrahi**, Mohammad TS, Reza M, and Bagher L. Endocrine cancer in Iran: Based on cancer registry system. Indian Journal of Cancer | April–June **2006** | Volume 43 | Issue 2.

Ansari R, Mahdavinia M, Sadjadi A, Nouraie M, Kamangar F, Bishehsari Hafez Fakheri, Semnani A, Arshi S, Zahedi M, Darvish-Moghadam S., Mansour-Ghanei F, **Mosavi-Jarrahi A**, Malekzadeh R Incidence and age distribution of colorectal cancer in Iran: Results of a population-based cancer registry. Cancer Lett, November 7, **2005**.

Sajadi Alireza, Nopuraie Mehdi, Mohagheghi Mohammad ali, **Mosavi-Jarrahi Alireza**, Malekzadeh Reza, Parkin Donald Max. Cabcer Occurance inn Iran in 2002, an International prospect. Asian Pacific Journal of Cancer Prevention, 6:359-363, **2005** 

Larijani B., Aghakhani S., Haghpanah V., **Mosavi-Jarrahi A**.,and Bastanhagh M. Review of Thyroid Cancer in Iran. Recent Advances and Reseach Updates, 6(2)):161-168, **2005**, Niromanesh S. Hashemi\_fesharaki M., **Mosavi-Jarrahi A**. Second trimester abortion using intravaginal misoprostol: a randomized clinical Trial. International Journal of Gynecology and Obstetrics **(2005)** 89, 276–27.

Bahareh Yazdizadeh, **Alireza Mosavi-Jarrahi**, Hossein Mortazavi, Mohammad Ali Mohagheghi, Soroush Tahmasebi, Azin Nahvijo. Changes in the occurrence of major GI cancers in Iran. Asian Pacific Journal of Cancer Prevention, 6:130-134, **2005** 

Amrollah Ahmadi, Mohammad Ali Mohaghegh, Mohammad Sadegh Fazeli, Bijan Nahavandian, Nasrollah Bashardoost, **Alireza Musavi Jarahi**, Marjan Gharipoor. HESA-A: new treatment for breast cancer and choroidal metastasis. Med Sci Monit, **2005**; 11(6): CR300-303

M. A. Mohagheghi, MD., A. **Mosavi-Jarrahi, Ph.D**., M. Khatemi-Moghaddam, Ph.D., S. Afhami, M.D., S. Khodai, M.D., O. Azemoodeh, M.D. Community-based outpatient practice of antibiotics use in Tehran. Pharmacoepidemiology and drug safety **2005**; 14: 135–138.

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**Mosavi-Jarrahi**, Mohammadali Mohagheghi, Suminori Akiba, Bahareh Yazdizadeh, Nilofar Motamedi,Ali Shabestani Monfared, Mortality and morbidity from cancer in the population exposed to high-level of natural radiation in Ramsar, Iran. International Congress Series, **2004**; 1276C:106-109.

**Mosavi-Jarrahi A**, Mohagheghi M, Yazdizadeh B, Kolahi A A. Tahmasebi S, Sharifi S. Analysis of Smoking Behaviour among Iranian Population: a Cohort and Period Analysis. Asian Pacific Journal of Cancer Prevention, 5:75-78 **2004.** 

Malcolm A Moore, Kazuo Tajima, Gulsun Aydemir, Partha Sarathi Basu, Yasmin Bhurgri, Kexin Chen, Vendhan Gajalakshmi, Kaoru Hirose, **Alireza Mosavi- Jarrahi**, Le Tran Ngoan, You-Lin Qiao, Hai Rim Shin, Supannee Sriamporn, Petcharin Srivatanakul, Shinkan Tokudome, Keun-Young Yoo, Hiroyuki Tsuda. Grand Challenges in Global Health and the Practical Prevention Program? Asian Focus on Cancer Prevention in Females of the Developing World. Asian Pacific Journal of Cancer Prevention, 4: -12; 2003

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Niromanesh S., **Mosavi-Jarrahi A**., and Samkhaniani F. Intracervical Foley Catheter Balloon versus Prostaglandin  $E_2$  in Preinduction Cervical Ripening:

a Randomized Controlled Trail. International Journal of Gynecology and Obstetrics (81) 23–27, **2003**.

Niromanesh S., Laghaii S., **Mosavi-Jarrahi A**. Supplementary calcium in prevention of pre-eclampsia. International Journal of Gynecology & Obstetrics (74)17-21, **2001** 

**A. Mosavi-Jarrahi**, M. A. Mohagheghi, H Zeraatti, and H. Mortazavi, History of cancer registration in Iran. Asian Pacific Journal of Cancer Prevention, Vol 2,IACR Sup., **2001** 

Atri M., Mehdipour P., and **Mosavi-Jarrahi** A. The Role of Family History of Neoplastic Disorders among 100 Patients with Primary Breast Cancer. Med J Iranian Hosp, Vol.3 No.2, January **2001** 

Dr. Y.Farhady, Dr. Z. Hagheeghy, Dr. H. Miandary, Dr. A. Baghery, Dr. A. **Mosavi-Jarrahi**, Dr N.Khosrow - Shahy, Dr. M. Roohany - nejad, and M. Abbassy. Development of Ethical and Legal Codes for Protection of Human Subjects in Medical Research. Hakim, Vol. 3 No. 11 Nov. **2001.** 

**Alireza Mosavi-Jarrahi**, MF Hussain, HL Dupont, J. Mathewson, C. White. Lack of Correlation between diarrhea and weight loss in HIV positive outpatients in Houston, Texas. J Clin Gastroenterol **1995**;21(1):61-4

**Alireza Mosavi-Jarrahi**, Herbert L. Dupont MD, Beatrice J. Selwyn ScD, Bartelome B. His., Ph. D., Mathewson Ph. D., and Chareles D. Ericsson MD. Prognostic Factors related to Recovery from Diarrhea among USA Students with Diarrhea in Mexico. J. of Travel Medicine; **1997**;4:161-166.

Dupont HL, Ericsson CD, Mathewson JJ, Palazzini E., Dupont MW, Jiang ZD **Mosavi-Jarrahi A**., and Del La Cabada, Rifaximin, a non absorbed antimicrobial in the therapy of Travelers' Diarrhea. Digestion, **1998**;59:708-714.

# **Professional Experiences:**

Associate Professor, Health Metrics Research Center, Dept. of Public Health and Social Medicine, Shahid Beheshti University of Medical Sciences, Tehran Iran. Sept. 1997 - To May 2011

Associate Professor, The Cancer Institute Research Center, The Cancer Institute of the I. R. of Iran, Tehran Iran, (A joint appointment). Sept. 1997 - To May 2011

Post-Doctoral Research Fellow, Center for Infectious Diseases, University of Texas at Houston, School of Public Health and Medical School. Houston, TX, USA.

May 1995- May 1996

Research Assistant (Center for Infectious Diseases, University of Texas at Houston, School of Public Health and Medical School. Houston TX, USA) Sept. 1993- May 1995

Research Assistant (Coordinating Center for Clinical Trials, University of Texas at Houston, School of Public Health. Houston TX, USA) June 1992 - August 1993

Research Assistant (Southwest Center for Prevention Research, University of Texas at Houston, School of Public Health. Houston TX, USA) Oct. 1990 - Sept. 1992

Graduate Research Assistant (Computer Services, Dept. of International Health, University of Alabama, Birmingham, AL, USA) Feb. 1988 - April 1990

Graduate Research Assistant (Sparkmans Center for International Health Education, University of Alabama School of Public Health, Birmingham, AL, USA

Feb. 1988 - April 1990

Health Officer (Ministry of Health, Division of Epidemiology and Environmental Health/ Khorasan and Sistan & Balochestan Provinces, Iran). May 1980 - Aug. 1986

### Teaching experiences:

Taught intermediate and advanced courses in epidemiology methods to MS and Ph. D students at the School of Public Health, Epidemiology and Biostatistics Department since 2004

Taught Cancer Epidemiology course to MS and PhD students at the School of Public Health, Epidemiology and Biostatistics Department since 2004

Taught Research Methodology to MS and PhD. Students at the department of Microbiology, Parasitological, Genetics and Physiology, since 1997

Taught epidemiology courses to MS and PhD students at the Dept. of Microbiology, Parasitology since 1997

Taught Epidemiology course to Medical Students since 1997

Taught Epidemiology course to MS students in nursing for 2008-2009

Taught Epidemiology courses to BS students in nursing 2005-2010

Participated in numerous multidisciplinary courses and taught special topics to students of different background and degree throughout medical, public and allied health schools

### Books and Chapters:

In progress:

Invited to write a chapter on **Conceptual framework in assessing and detecting spatial clusters of cancers (tentative title).** The chapter will be in book titled "Cancer Research Updates" to be published by Nova Science Publishers, Inc. 400 Oser Avenue, Suite 1600, Hauppauge, NY 11788

## Published

Chapter in **Cancer Epidemiology**, Volume 1, Host Susceptibility Factors, edited by Mukesh Verma, (Program Director, Epidemiology and Genetics Research Program, Division of Cancer Control and Population Sciences, National Cancer Institute, USA). Published by Humana Press, New York, USA, **2008**. **Reprinted 2010**, and **2011** 

Title of the Chapter: **Occupational Exposures**, Alireza Mosavi Jarrahi, and Mohammadali Mohagheghi, a chapter in the **Cancer Report 2010**, Edited by A. Murat Tuncer, et al.

Title of the Chapter: **Etiologic clues in variations in cancer incidence and mortality**, Alireza Mosavi-Jarrahi, Mahmmod Movahedi, Mohammadali Mohagheghi, a chapter in the **Cancer Report 2010**, Edited by A. Murat Tuncer, et al.

Authoring a book titled **"Cancer Epidemiology"** to be published by the Ministry of Health and Medical Education, Tehran Iran. The book is in Farsi, 1387

Co-authoring "Ethical guidelines in Biomedical Research". Published by the Ministry of Health and Medical Education, National Research Center, Tehran, Iran 2004.

Translated to Farsi "Ethical Guidelines for Protection of Human Subjects in Research" by CIMS, WHO 2002. This translation was financially funded by WHO.

#### **Researches/ grants:**

Principal Investigator to develop the educational curriculum of Cancer Epidemiology for research based PhD. Degree program recently developed at the Ministry of Health. The project is ongoing at present and it is expected to be finished on May, 2011.

Principal Investigator to develop the infrastructure needed for Geographic Information System in small polygon scale. The project was funded by Ministry of Health, I.R. of Iran. The project is still ongoing and it is expected to be finished in July, 2010.

Principal investigator on a MOH funded research titled Monitoring incidence of cancer in the population exposed to environmental hazard due to the Persian Gulf War (Iraq's Occupation of Kuwait) in Iran; assessing long term exposures, **UNCC Claim No.5000394**, finished May 2009.

Principal investigator on a WHO funded research titled "Updating and customizing Health-Mapper 4.2 for health application in Iran". Finished Feb. 2009.

Principal investigator on a WHO funded research titled "Development of a record linkage protocol for use in health system researches". Ended in July 2007.

Principal investigator on a WHO funded research titled "Development of a record linkage protocol for use in health system researches". Ended in July 2007.

Principal investigator on a WHO funded research titled "Temporal and spatial determinants meningitis in the Tehran metropolitan area using Geographic Information System (GIS). Ended in July 2006.

Principal investigator on a WHO funded research titled "Geographic distribution of childhood cancers in the Tehran Municipality districts: exploring possibility of clustering" ended in Oct. 2005.

Principal investigator on a Collaborative Research Agreement with the International Agency for Research On Cancer, Unit of Descriptive Epidemiology (IRAC/WHO) to study the Incidence of Cancer in Tehran Metropolitan Area (the Cancer Registry Project), Dec. 25th, 1999.

Principal Investigator for a population based study of cancer survival in Iran. The study was funded by the Shahid Behashti University of Medical Sciences

Principal contractor to develop educational software to be used as a Consultant to junior researchers.

Principal investigator on a research evaluation of the contribution of established cancer risk factors to the frequency cancer in Iran. A **Terry Fox Grant** awarded by the Canadian Embassy in Tehran, 1997.

## **Other Professional Contributions:**

The Founder of the Virtual Community of Health Geographic in Iran.

The Founder and the first Secretary of the Iranian Epidemiological Association (IrEA), 1999- 2004.

Technical advisor to a computer program on cancer registration, which is now in use in cancer registry program in the country. The program was presented at International Agency on Research Against Cancer (IARC), WHO, in Lyon French, July 2000.

Faculty Member of Founding group of the Gastrointestinal and Liver Disease Research Center, Shaheed Beheshti University of Medical Sciences.

Founding Member of the Cancer Institute Research Center, Tehran, Iran.

Chairman of the 3rd regional conference of Asian pacific Organization for Cancer prevention (APOCP), held on April 25-27th, 2005, Zibakenar Rasht, Iran.

### Appointee:

Corresponding Member in the Cancer Expert Group Advisory Committee, the *Global Burden of Diseases, Injuries, and Risk Factors Stud,* HARVARD INITIATIVE FOR GLOBAL HEALTH, and WHO. 2008

Appointed as epidemiologist to the Tehran Municipality Urban Health Committee, Tehran, Iran

Secretary of the National Network of Cancer Researches, Ministry of Health and Medical Education, Tehran, Iran, 2006

Appointed as epidemiologist to the National Ethical Committees of Research on Human Subject., Tehran Iran 2001.

Appointed for two years as member of High Council at the Research Center of Gastroenterology & Liver Diseases, Shaheed Beheshti University of Medical Sciences. Tehran/Iran, 2001.

Member of the Research Council at the Cancer Institute Research Center, Tehran University of Medical Sciences, Tehran, Iran

Representative of the Asia Pacific Organization for Cancer Prevention organization (APOCP) in Iran.

Appointed as epidemiologist to the National Ethical Committees of Research on Human Subject., Tehran Iran 2001.

Member of the Research Council at the Cancer Institute Research Center, Tehran University of Medical Sciences, Tehran, Iran

### Invited Speaker:

Invited Speaker to present the "State of Cancer in Western Asia" at the 4<sup>th</sup> International Cancer Control Congress (4<sup>th</sup> ICCC) to be held on Nov. 3-5, **2011** in Seoul Korea.

Invited speaker to the 5th APOCP Congress held on April 3 –7, **2010** in Istanbul, Turkey

Invited speaker to the 20th Asia Pacific Cancer Conference held on November 12 – 14, **2009** in Tsukuba, Japan

Invited speaker to the 36<sup>Th</sup> International Symposium of the Princess Takamatsu Cancer Research Fund (PTCRF) held at Tokyo, Japan, 15-17 Nov. **2005** 

Invited speaker to the 6<sup>th</sup> International Conference on High Levels of Natural Radiation and Radon Areas, (Ozaka Japan, 6-10, 2004). To present on natural radiation and health.

Invited speaker to the second Scientific Meeting of Asian Pacific Organization of Cancer Prevention (Nov. 2004 Seoul Korea) to present Cancer registries network in west Asia Invited speaker to the Scientific Meeting of Asian pacific Organization of Cancer Prevention (Oct 2002, Nagoya Japan) to present "Risk Factors of Esophageal Cancer in Iran.

## **Professional Membership:**

Member of the Iranian Epidemiological Association (IrEA), Since 1999. Member of The International Epidemiological Association Member of Asian Pacific Organization for Cancer Prevention Member of the International Advisory board of Asian Pacific Organization for Cancer Prevention.

### **Editorial Board:**

**Epidemiology Section editor the Asian Pacific Journal of Cancer Prevention**, Official Journal of the Asian Pacific Organization of Cancer Prevention, published in Japan..

Member of the editorial board of the **Environmental Health and Preventive Medicine**, Official Journal of the Japanese Society of Hygiene, Published in Japan.

Member of the editorial board of the **Bulletin of the Cancer Institute of Iran**, published in Iran.

Epidemiologist reviewer of the International Journal of Surgery