

*Brief curriculum vita*  
*Of*  
*Dr. Homayoun sadeghi*

**Family Name:** Sadeghi Bazargani  
**Surname:** Homayoun  
**Date of Birth:** Sep 27, 1970  
**Place of Birth:** Maku  
**Nationality:** Iranian  
**E-mail:** [homayounsb@yahoo.com](mailto:homayounsb@yahoo.com), [homsad@ki.se](mailto:homsad@ki.se)

**Phone:** +98 451 7717361  
**Fax:** +98 451 7711019

**Address:** Research development and coordination center, Tabriz University of medical sciences, Tabriz, IRAN

### Academic Degrees

- 1- **PhD student:** Statistics and methodology in injury epidemiology/ Thesis in Modeling risks and patterns in burn injuries / focuses on evaluation of risk considering sampling effect and data reduction in megavariate situations
- 2- **Master degree.** Karolinska institute. Sweden
- 2- **MPH degree,** school of public health and Institute for health research, Tehran University of Medical Sciences.
- 3- **MD degree,** School of Medicine, Tehran University of Medical Sciences.

### Postgraduate PhD level Academic Courses (passed or underway)

Basic epidemiology probability and biostatistics' courses: up to 10 credit points  
Regression analysis  
Logistic regression  
Survival analysis  
Longitudinal data analysis  
Dose response statistical modeling  
Megavariate data analysis(Focused on biostatistics for omics studies)  
Biostatistics in injury epidemiology  
SAS statistical software package  
Collective course package of advanced statistical modeling using likelihood  
Analysis and data management in epidemiology  
Biostatistics for analysis of clinical trials  
Maximum likelihood estimation  
Multilevel modeling  
Matrix algebra  
.....  
Design of clinical trials  
Cardiovascular epidemiology  
Injury epidemiology and safety promotion  
Methodology in clinical research  
Clinical epidemiology  
Infectious diseases epidemiology  
Narrative methodology

Scientific writing  
Register based research  
Epidemiological methods in aging research

### Scientific Courses/ Other than Academic education courses

#### Research & education:

- 1- **Graphic appraisal tool for Epidemiology.** Auckland University and Tabriz university joint workshop: 2009
- 2- **Cardiovascular risk assessment;** Auckland University and Tabriz university joint workshop :2009
- 3- Workshop on **registration of clinical trials.** Tabriz University of medical sciences.2009
- 4- **Qualitative research methodology.** Tabriz University of medical sciences.2009
- 5- WHO-NPMC of Tabriz & Leeds University joint workshop : **Training of trainers**, 2005
- 6- Advanced research course on **clinical trials.** Ardabil University and Ministry for health and medical education. 18 hours
- 7- Advanced scientific writing, research secretary , ministry of health and medical education.
- 8- **Scientific writing** in medicine. Ardabil university and Ministry for health and medical education. 12 hours
- 9- Workshop for **sampling in research.** Tehran University of Medical sciences. 20 hours
- 10- Workshop on **Bioinformatics.** Tehran University.36 hours

#### Computer sciences:

- 11- Database designing with access. Isiran Institute. Tehran. 40 hours
- 12- Visual Basic programming. Isiran Institute. Tehran.50 hours
- 13- Advanced Visual Basic programming. Isiran Institute. Tehran.60 hours
- 14- Web designing with FrontPage. Isiran Institute. Tehran. 40 hours
- 15- SQL server database. Isiran Institute .Tehran.60 hours

#### Management:

- 16- Strategic management course. Management education and research center. 36 hours
- 17- Financial management course. Management education and research center. 24 hours
- 18- Lecturer training course for quality management. Tabriz University, 36 hours
- 19- Quality management workshop. Ardabil university. 18 hours

#### Public Health:

- 20- Safety promotion and injury prevention. 3 weeks fulltime. Karolinska Institute, Sweden
- 21- Workshop on TB management at district level, 24 hours, Urmia University.
- 22- Malaria control planning workshop. Kerman University, 30 hours
- 23- TB and Pulmonary diseases. Urmia University, 16 hours
- 24- Planning in health education. Parsabad Health center. 12 hours
- 25- Program for eradicating poliomyelitis. Urmia University, 6 hours
- 26- Occupational health course. Ardabil University. 30 hours

## Professional Experiences

1. **Section editor and editorial board member:** Journal of injury and violence research. 2010
2. **Head:** Research development and coordination center, Tabriz University of medical sciences. present
3. **Principal member :** Research committee, Ardabil University of Medical Sciences. 2005.
4. **Representative member:** Research committee, Ardabil University of Medical Sciences. 2001-2004
5. **Deputy for Research ,** North-west research center for infectious diseases.
6. **Deputy for research,** Ardabil provincial health department(centre). Ardabil University of Medical Sciences.
7. **Representative by chancellor** of Ardabil University of medical sciences in Ardabil provincial research database committee.2004.
8. **Research manager** and *methodology & surveillance* team leader for the joint Sweden – Iran research project: “Designing and evaluating an injury prevention model on burns for rural areas of Iran”.
9. **Principal member:** “Research methodology consultation committee”, Ardabil University of Medical Sciences,
10. **Manager of District Health Network.** Parsabad district health network, 1997-2000.
11. **Director of Parsabad district health center,** 1996-1997
12. **health center head,** some rural and urban health centers in Urmia and sardasht districts.1994-1996

## Language skills

### English:

General mock IELTS 7 band score.2004 Iran Test Center

Academic IELTS 6.5 band score. 2004 British council Tehran.

MCHE English test : 79/100 score. 2003. Ministry of higher education.Tehran

### Russian:

Reading: intermediate, speaking: elementary

### Azeri Turkish:

Mother tongue

### Kurdish:

Spoken

### Turkish(turkey):

Fluent

## Computer skills

## Skillful:

General software skills :Word, Access, PowerPoint, Internet, excel, ref. manager  
Research and statistical: STATA, SAS, SIMCA, BMDs , PS, SPSS, Epi info ,  
Professional in Database designing with Microsoft Access

## Awards and honors

- 1- First rank winner of the prize in first national family health award 2004.Tehran, Iran
- 2- Prize and written appreciation by chancellor for: Best chosen(Elite) researcher in Ardabil University of Medical Sciences - 2004.
- 3- Prize and written appreciation by two ministers for: Second rank research, National ceremony for selection of best researches in the field of Nomadic populations, Tehran 2004: " Health indices of nomads in Ardabil province".
- 4- Written appreciation by Dean for Excellent performance in managing research development center
- 5- Written appreciation by chancellor for : Excellent performance in health managing.
- 6- Written appreciation by deputy for health, Urmia university for: best management in holding a district level workshop on nutrition.

## Scholarships

- 1- 2nd Young Medics' International Conference, "From prevention to intervention "September 26-28, 2003, Yerevan, Armenia
- 2- Scholarship for attending 14 International Safe Community Conference, Bergen, Norway

## Teaching experience

- 1- Academic courses: Biostatistics and Research methodology at Master and PhD level(Basic science MSc. And PhD students): up to 30 credits
- 2- Teaching at workshops: Research methodology(quite repeatedly)/ Case control studies/ Clinical trial studies / scientific writing

## Thesis supervising

Master level/ two done four underway

MD level / one done

Clinical specialty level/ three done five underway

Thesis reviewer or examiner/ two MSc at karolinska one MD at Ardabil

## Research grants

	Organization Name providing grant	Project name	Role in project	Principal investigator
1	Tabriz University of medical sciences	Risk factor analysis of childhood burn injuries	Principal investigator	Homayoun Sadeghi
2	Joint research underway between Azad University of Tehran (department of statistics) and Tabriz UMS.	Application of orthogonal partial latent structures modeling compared to linear regression in assessing predictors of stroke prognosis		Dr. Sadeghi/ Dr. Fathi
3	Ardabil University of medical sciences	Designing and evaluating a sampling software for health research	Principal investigator	Homayoun Sadeghi
4	Joint research between Tabriz university and neuroscience research center	PTSD and Psychological aspects of burn injuries	Principal investigator	Dr. garousi- Dr. Sadeghi
5	State Management and planning organization: Ardabil province	Health survey for nomads of Ardabil province.	Principal investigator	Homayoun Sadeghi
6	Karolinska institute/SIDA from Swedish side Ardabil University of medical sciences/Iranian Ministry of health from Iranian side	Designing and evaluating an injury prevention model on burns for rural areas of Iran	Research manager, Methodology and surveillance team leader	Robert Ekman Shahnam Arshi
7	Ardabil University of Medical Sciences	Case- Control study of risk factors responsible for burn injuries in rural children	Main co investigator	Shahnam Arshi
8	Ardabil University of Medical Sciences	Qualitative research on Injury risk factors responsible for injuries needing medical care	Principal investigator	Homayoun Sadeghi
9	Servier company/ France	Diamicron MR in Iranian patients in Ardabil province	Collaboration in analysis and writing paper	Manuchehr iranparvar
10	Ardabil University of Medical Sciences	Sero-epidemiology of leishmaniasis in dogs of nomad population in ardabil province	Principal investigator	Homayoun Sadeghi
11	Ardabil University of Medical Sciences	DMPA bleeding complications in Ardabil province	Principal investigator	Homayoun Sadeghi
12	Ministry of health	Need assessment for medical services in Ardabil province	Main co investigator	Hossein Zohouri
13	Ardabil University of	Research problems of	Statistical analysis	Lotfi

	Medical Sciences	university members		
14	Ardabil University of Medical Sciences/ Ministry of health	Comparative study of sealant therapy by dentists and health workers	Statistical analysis	Samadzadeh
15	Ardabil University of Medical Sciences	Comparative study of diclofenac suppository and methadone injection on post cesarean pain	Statistical analysis	Farnaz Ehdaveivand
16	Ardabil University of Medical Sciences	Maslows hierarchy of needs in personnel of Ardabil University of medical sciences and health services	Statistical analysis	Shahnam Arshi

## ***Publications***

### **1- Books:**

- a. Box in burn injuries, WHO report on child injuries, Geneva 2009, WHO publications
- b. “ Preliminary Manual of Epi Info 2000 – a CDC statistical Software” Ardabil. 2002
- c. “ Common Infectious Diseases in Ardabil Province” Ardabil .2002

### **2- pamphlets:**

A supervisory guideline for general practitioners of public health centers.

### **3- Papers published:**

***22 papers published or accepted written in English & 14 papers published in Farsi journals***

1. [Sadeghi-bazargani H et al.](#) **Epidemiology of minor and moderate burn injuries in rural Ardabil, Iran: Burns/ Elsevier published online DOI: 10.1016/j.burns.2009.10.22**
2. [Hajebrahimi, S.](#), [Azaripour, A.](#), [Sadeghi-Bazargani, H.](#) **Tolterodine immediate release improves sexual function in women with overactive bladder. *Journal of Sexual Medicine.* 2008; 5 (12), pp. 2880-2885**
3. [Mostafaei, A.](#), [Sedgipour, M.R.](#), [Sadeghi-Bazargani, H.](#) **Contralateral eye comparison on changes in visual field following Laser in situ Keratomileusis vs photorefractive keratectomy for Myopia: A randomized clinical trial. *Pk J Biol Sci.* 12 (23), pp. 1521-1525**
4. [Savadi-Oskouei, D.](#), [Abedi, A.](#), [Sadeghi-Bazargani, H.](#) **Independent role of hypertension in Bell's palsy: A case-control study. *European Neurology* 60 (5), pp. 253-257**
5. [Adalatkah, H.](#), [Sadeghi-bazargani, H.](#), [Aminisani, N.](#), [Zeynizadeh, S.](#) **Melasma and its association with different types of nevi in women: A case-control study . *BMC Dermatology.* 2008; 8, art. no.3**

6. [Sadeghi-Bazargani, H.](#), [Mohammadi, R.](#), [Arshi, S.](#), [Svanstrom, L.](#), [Ekman, R.](#) **The risks of using samovars as the main tea-preparing facility in some Eastern countries.** *Burns*;2008: 34 (8), pp. 1149-1152
7. [Sadeghi-Bazargani, H.](#), [Mohammad, K.](#), [Arshi, S.](#), [Majdzadeh, S.R.](#), [Mohammadi, S.](#) **Pilot evaluation of the first iranian sampling software for health research (Yasin sampling software) .** *Information Technology Journal*.2007: 6 (1), pp. 135-141
8. [Adalatkhah, H.](#), [Khalilollahi, H.](#), [Amini, N.](#), [Sadeghi-Bazargani, H.](#) **Compared therapeutic efficacy between intralesional bleomycin and cryotherapy for common warts: A randomized clinical trial.** *Dermatology Online Journal*.2007: 13 (3), art. no.4
9. [Savadi-Oskouei, D.](#), [Molavi, P.](#), [Mohammadzadeh, L.](#), [Sadeghi-Bazargani, H.](#) **Assesing general health among stroke patients through a comparative methodology.** *Journal of Medical Sciences*.2007: 7 (3), pp. 477-480
10. [Arshi, S.](#), [Sadeghi-Bazargani, H.](#), [Mohammadi, R.](#), [Mohammad Zadeh, M.S.](#), [Rouhi, A.](#), [Barak, M.](#) **Burns comprising 3/4th of home injuries in pre-school children of the rural areas of Ardabil Province, Iran .** *Journal of Medical Sciences*.2007: 7 (2), pp. 248-251
11. [Farahbakhsh, M.](#), [Fozounkhah, S.](#), [Sadeghi-Bazargani, H.](#), [Zakeri, A.](#), [Houshiyan, N.](#), [Asmani, N.](#), [Naghili, A.](#) **The study of health information system performance from managers and experts' viewpoints .** *Information Technology Journal*.2007: 6 (2), pp. 227-238
12. [Arshi, S.](#), [Sadeghi-Bazargani, H.](#), [Mohammadi, R.](#), [Mohammad Zadeh, M.S.](#), [Rouhi, A.](#), [Barak, M.](#) **Burns comprising 3/4th of home injuries in pre-school children of the rural areas of Ardabil Province, Iran .** *Journal of Medical Sciences*.2007: 7 (2), pp. 248-259
13. [M. Seyffarshad](#) , [A. Kousha](#) , [S. Pourdowlati](#) , [M. Karamouz](#) , [M. Farahbakhsh](#) , [S. Hakimi](#) and [H. Sadeghi-Bazargani](#) . **Cardiac risk factor analysis in east Azerbaijan, Iran.** *The cardiology*. 2007: 3 (1): 1-4
14. [Sadeghi-Bazargani, H.](#), [Ehdaevand, F.](#), [Arshi, S.](#), [Eftekhar, H.](#), [Sezavar, H.](#), [Amanati, L.](#) **Low-dose oral contraceptive to re-induce menstrual bleeding in amenorrheic women on DMPA treatment: A randomized clinical trial .** *Medical Science Monitor*.2006: 12 (10), pp. CR420-CR425

15. [Arshi, S.](#), [Sadeghi-Bazargani, H.](#), [Mohammadi, R.](#), [Ekman, R.](#), [Hudson, D.](#), [Djafarzadeh, H.](#), [Delavari, A.](#), [Sezavar, H.](#) **Prevention oriented epidemiologic study of accidental burns in rural areas of Ardabil, Iran.** *Burns.2006*: 32 (3), pp. 366-371
16. [Sadeghi-Bazargani, H.](#), [Fardiyazar, Z.](#) **Amenorrhea: An advantage rather than a complication of depot medroxy progesterone acetate injectable contraceptive .** *International Journal of Pharmacology.2006*: 2 (3), pp. 352-356
17. [Iranparvar, M.](#), [Sadeghi-Bazargani, H.](#), [Khodamoradzadeh, M.](#) **The first research challenge for diamicron MR in Iranian diabetic patients .** *International Journal of Pharmacology.2006*: 2 (3), pp. 316-319
18. [Nikniyaz, A.](#), [Farahbakhsh, M.](#), [Ashjaei, K.](#), [Tabrizi, D.](#), [Sadeghi-Bazargani, H.](#), [Zakeri, A.](#) **Maternity and child health care services delivered by public health centers compared to health cooperatives: Iran's experience .** *Journal of Medical Sciences.2006*: 6 (3), pp. 352-358
19. [Arshi, S.](#), [Sadeghi-Bazargani, H.](#), [Ojaghi, H.](#), [Savadi-Oskouei, D.](#), [Hekmat, S.](#), [Jastan, M.](#), [Majidpour, A.](#), [Shahizareh, F.](#) **The first rapid onset optic neuritis after measles-rubella vaccination: Case report .** *Vaccine.2004*: 22 (25-26), pp. 3240-3242
20. [Arshi Sh](#) , [Majidpoor A](#) , [Sadeghi H](#) , [Asmar M](#) , [Derakhshan M.H](#) , [Emdadi D](#) **“Relapsing fever in Ardabil , a Northwestern Province of IRAN”** *Archive of Iranian Medicine* 2002; 5(3): 141-5
21. [Arshi S](#) , [Sadeghi H](#) , [Majidpour A](#) , [Zarifi Z](#) , [Nouraei M](#) , [Sezavar H](#) , [Ghasemi R.](#) **A simple mistake responsible for 153 cases of muscular cold abscesses.** *Vaccine.* 2003 Oct 1; 21 (27-28) : 4120-1
22. [Habibzadeh S](#) , [Sadeghi-Bazargani H](#) , [Arshi S](#) , [Mohebalı M.](#) **Rk39 dipstick test as a practical solution for canine leishmaniasis diagnosis among nomadic populations.** *Journal of animal and veterinary advances.* 2007; 6(2):175-178
23. [Sezavar SH](#) , [Abedi A](#) , [Sadeghi Bazargani H](#) **A comparative study of plasma Fibrinogen among hookah smokers, cigarette smokers and non-smokers.** *Iranian heart journal.*2004; 5(3)
24. [Farahbakhsh M.](#), [Niknıaz A.](#), [Tabrizi J.](#), [Jahanbin H.](#), [Abdolahi H.](#), [Zakeri A.](#), [Sadeghi bazargani H.](#) **Comparison of government and cooperative health centers with regard to services and health cares.** *Journal of Tehran school of public health.*
25. [Niknıaz A](#) , [Tabrizi J](#) , [Farahbakhsh M](#) , [Abdolahi H](#) , [Zakeri A](#) , [Ashjaei K](#) , [Sadeghi Bazargani H](#) **Comparing the Personal Satisfaction and Management Style Between Cooperative and**



- Public Health Centers.** Journal of Tabriz University of medical sciences.
26. **Sadeghi H , Amini N, Arshi S, Sezavar SH. Reproductive health Indices of Nomad women in Ardabil province.** Journal of Ardabil university of medical sciences 2004;9 (3).
  27. **Arshi Sh , Sadeghi H , Shami Y , Biry M . Home accidents of the elderly in rural areas of Ardabil Province”** Journal of Ardabil university of medical sciences 2002; 1 (2):9-14.
  28. **Arshi Sh , Sadeghi H , Javid GH . “ Infant Mortality Rate in villages under coverage of health houses in Ardabil Province in 1998 ”** Journal of Ardabil university of medical sciences 2002;1 (1).
  29. **Arshi S, Sadeghi H , Mohebal M, Sezavar SH, Javanroozegar A. Epidemiology of Malaria in Ardabil Province, 2000-2001.** Journal of Ardabil university of medical sciences. 2002; 5(2): 28-33
  30. **Adalatkah H, Arshi S, Sadeghi H, Sepehran V, Mahmoodzadeh B, Mortezaadeh A, Shabani M. Prevalence of Pediculosis Capitis among Boarding School Girls in Ardabil, during Academic Year, 2001-2002.** Journal of Ardabil university of medical sciences. 2003; 6(2): 36-45
  31. **Arshi S, Mohebal M, Akhoundi B, Sadeghi Bazargani H, Sepehran V, Zarei Z, Hajikhani S, Sezavar SH. Identification of a new endemic focus of Kala-azar and seroepidemiological study of visceral leishmania Infection in Ardabil province.** Journal of School of Public Health & Institute of Public Health Researches 2002;2 (1): 9-18
  32. **Majidpour A, Sadeghi H , Arshi S. Animal Bites: A major health problem in Ardabil province, north-western Iran.** Journal of Ardabil university of medical sciences.
  33. **Majidpour A et al. Research priority setting in Ardabil province.** Journal of Ardabil university of medical sciences.2003; 3(3)
  34. **Ehdaevand F, Rostamnejad M, Sadeghi H, Amini N. Comparing diclofenac suppository and methadone injection in relieving cesarean section post operative pain.** Journal of Ardabil university of medical sciences.2004; 4(2)
  35. **Sadeghi Bazargani H et al. Nomadic health indices in Ardabil.** Journal of Ardabil university of medical sciences.

36. Biriya M, Arshi S, Sadeghi H, Malekpour N. **Burn injury risk factors in preschool ages children in rural Ardabil.** Journal of Ardabil university of medical sciences.

***2-Papers accepted for publication:***

- 37- Sadeghi-bazargani H et al. Application of Haddon matrix in qualitative research methodology; an experience in burn injuries.

***3- Papers underway:***

- 38- Sadeghi-bazargani H et al. Injury specific home safety assessment methodology in burn injuries.

- 39- Sadeghi-bazargani H et al **Estimating Intra-class correlations in burn related home safety assessment**

*Abstracts in Congresses*

***International:***

- 1-Vancouver, Canada : 1th world congress on child heath. A More preventable cause of injury, comprising 3/4<sup>th</sup> of home injuries in preschool children in Ardabil province north-western Iran.
- 2- Armenia, yervan:2<sup>nd</sup> medical congress of young medics. Designing and evaluating a sampling software for health research based on WHO recommendations.
- 3-Glasco ,UK :13<sup>th</sup> ECCMID congress on clinical microbiology and infectious disease.A quality control survey on malaria microscopy in state and private laboratories in Arrdabil province.
- 4- Glasco ,UK :13<sup>th</sup> ECCMID congress on clinical microbiology and infectious disease.Tick born relapsing fever in Ardabil the main endemic area in Iran.
- 5-Istanbul.Turkey.18<sup>th</sup>.IMSSC International congress. Burns in children
- 6-Egypt.Alexandria. 2nd Annual Congress of MSRM, Alexandria, Egypt (May 2003).Clinical trial of LD tablets in treating the amenorrhea caused by DMPA.
- 7- china.peking: 14th Great Wall International Conference of Cardiology. A comparative study of serum fibrinogen among Hookah smokers,Cigarette smokers and Nonsmokers
- 8- Spain, Valencia:9th European congress of parasitology. Leishmaniasis in Nomad(mobile) population and dogs as a suspected source of spreading the disease in north-west of Iran.July 2004

***National:***

- 1- 2<sup>nd</sup> national health congress. Kermanshah. Epidemiologic study of accidents among elderly in Ardabil province. 2002
- 2- Health education congress, Isfahan. Role of Index-based payment on occupational performance of health personnel. 2003
- 3- Health system research and quality improvement congress, Tabriz. Brief education after labor and its role on some health behaviors of mothers in Parsabad district.
- 4- Health system research and quality improvement congress, Tabriz. Household interview and its role on TL application.
- 5- The 11th Iranian Congress on Infectious Diseases and Tropical Medicine Bioecology of malaria vectors and resurgent malaria in ParsAbad, Ardebil province". 28 February- 4 March 2003.