# Ali Ahmadi, MSc, PhD
## Epidemiologist
## Associate Professor

Curriculum Vitae
Jan 01, 2021

**Shahrekord University of Medical Sciences, School of Health**

## Biography

**Ali Ahmadi** is holding an Associate Professor position in the Department of Epidemiology and Biostatistics at Shahrekord University of Medical Sciences (SKUMS). He was Born on Feb 05, 1976.

He completed his Ph.D. degree at Shahid Beheshti University of Medical Sciences (SBUMS) in Health faculty in 2013.

He mainly worked on the Non-Communicable Diseases (NCDs), Modeling and Spatial Analysis of Myocardial Infarction and Determination of the Factors Associated with Its Outcome, Using Multilevel Analysis in Iran. He pursued Medical Education at the Virtual University of Medical Sciences for MSc level. Dr. Ali Ahmadi graduated from Shiraz University of Medical Sciences (SUMS) with a bachelor's degree in public health and a master's degree in epidemiology in 2006 with an excellent rank. He worked as an expert in charge of fighting diseases until the end of 2002 in Bushehr province and was responsible for controlling the Malaria epidemic in Pars Special Economic Energy in Assaluyeh, Bushehr University of Medical Sciences (BUMS), Iran. From the beginning of 2003 to 2007, he served in

rural and nomadic areas in the health and treatment networks of Koohrang, Farsan, and Ardal counties.

He has the experience of teaching at the university, supervising the student research committee of SKUMS, supervising the student research committees of the central network of the country, and holding the responsibility for public and administrative affairs of Shahrekord School of Health since 2008.

After being accepted in the national entrance exam without using any quota, he was accepted in the PhD program of epidemiology at SBUMS in Tehran. After graduating, he started to work as a faculty member of SKUMS since September 2014. He has also the experience of serving in the positions of Vice Chancellor for Research and Postgraduate Studies of School of Health at SKUMS, Head of Health Technology Development Center of the University, as well as Social Vice-Chancellor of SKUMS.

Among his most important honors are: the top-ranked student of SBUMS, member of the National Elite Foundation and receiving Shahid Ashtiani Award of the Elite Foundation, elected as a superior (top) professor in SKUMS in 2018, owner of the national management process of "The quality of education and selection", top process executor appreciated by the Minister of Health and Medical Education, elected as a top researcher in Chaharmahal and Bakhtiari province in 2016, and also being elected in several courses as a top researcher at SKUMS.

He is the founder of the Master of Epidemiology degree (MSc), the founder of the Modeling in Health Research Center in SKUMS, and the main Principal investigator (PI) of the prospective epidemiological research studies in Iran (PERSIAN) cohort for health and non-communicable diseases in Chaharmahal and Bakhtiari province. He is the author of four books, more than 110 authentic scientific research articles in national and international indexes. He has been the executor or collaborator in more than 100 research projects and the advisor or supervisor of more than 50 doctoral and postgraduate dissertations.

## Contact Information

School of Health,
Department of Epidemiology and Biostatistics, Shahrekord University of Medical Sciences,
88138-33435-Iran.
Tel: (+98) 38-333 334 48
Fax: (+98) 38-333 510 40

Modeling in Health Research Center, Shahrekord University of Medical Sciences, Shahrekord,
88138-33422-Iran
Tel: (+98) 38-322 537 42
Fax: (+98) 38-333 496 15
ahmadi@skums.ac.ir
aliahmadi2007@gmail.com

## Professional Education

BSc, Public Health, Shiraz University of Medical Sciences, Shiraz, Iran, 1999
MSc, Epidemiology, Shiraz University of Medical Sciences, Shiraz, Iran, 2008.
Ph.D. in Epidemiology, Shahid Beheshti University of Medical Sciences, Tehran, Iran, 2014.

## Professional Experiences

1) Assistant Professor, Department of Epidemiology and Biostatistics, School of Health, SKUMS. September 2014
2) Associate Professor, Department of Epidemiology and Biostatistics, School of Health, SKUMS. September 2019
3) Head of Incubator Center of Health Technology, Shahrekord University of Medical Sciences 2014-2017
4) Deputy of Research and Technology, School of Health, SKUMS, Shahrekord, Iran. Dec 2014-2017
5) Deputy of Social Health, Shahrekord University of Medical Sciences, Iran. 2017-2018
6) Head of Modeling in Health Research Center, Shahrekord University of Medical Sciences, since 2015
7) Chairman of the University Committee for Epidemiology of COVID-19

## Awards and Honors



Provincial Research
Celebration, 2015

-2000, Top researcher in the festival of favorite models for teaching, supervision and guidance of Education in tribes, Ministry of Education, Kerman, Iran.
-2005, Top Researcher in Shahrekord University of Medical Sciences, Shahrekord, Iran.
-2007, Top Researcher in Shahrekord University of Medical Sciences, Shahrekord, Iran.
-2008, Top Researcher in Shahrekord University of Medical Sciences, Shahrekord, Iran.
-2008, Top Researcher in National Festival, Deputy of Ministry for Education (MOH) in the Islamic Republic of Iran. Shiraz Festival of Shahid Motaharri. Iran
-2009, Top Researcher in Shahrekord University of Medical Sciences, Shahrekord, Iran.
-2012, Top Student in Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- 2015, Top article in International Preventive Cardiology Congress. Oct 2, 2015, Shiraz,
- 2015, Top Researcher in SKUMS and Chaharmahal & Bakhtiari Province
- 2016, Top Researcher in SKUMS  - 2018, Top Professor in SKUMS

## Work Experiences

-2000-2002: General practitioner, Health and Treatment Network, Kangan, BUMS, Iran.
-2002-2003: Head of Center for Disease Control, Health and Treatment Network, Kangan, BUMS.
-2004-2009: General practitioner, Health and Treatment Network, Kohrang, SKUMS, Shahrekord, Iran.
-2009-2010: General practitioner, Department of Epidemiology and Biostatistics, School of Health, SKUMS
2008- Health Expert in monitoring and evaluation of family Medicine, Kohrang District.
2009- Health Expert in monitoring and evaluation of mental health in Nomadic areas of Chaharmahal and Bakhtiari
2020: Chairman of the Covid-19 Epidemiology Committee at Shahrekord University of Medical Sciences
2020: Member of the Scientific-Advisory Committee on Infectious Diseases and Coronavirus of the Ministry of Health

## Workshop Experiences

- Lecturer for both undergraduate and graduate students
- Epidemiological Methods, Monitoring and Evaluation of PHC/UHC
- Data Analysis and Statistical Methods, Modeling in Health
- Geographical Information System (GIS) in Health
- Principal Epidemiology & Research Methodology
- Epidemiology of Communicable and Non-Communicable diseases
- Demography, Applied Computer for Health Students and Data Analysis
- Planning in Health System and Management

## Major Professional Experiences (Educational activities)

- Attending Workshop on Epidemiology Training Course, Clinical Epidemiology, Systematic Reviews and Meta-Analysis.
- Public Health, planning in Health System
- Stata, SPSS, EPI, Methodology, GIS,
- Total Quality Management, IEQM,
- Surveillance and Biostatistics held by World Health Organization (CDC), Ministry of Health and Medical Education, Statistical Research and Training Center, (more than 2000 hours)
- Cohort Study

## Ali Ahmadi,
## MSc, PhD
## Epidemiologist
## Associate Professor

Curriculum Vitae
Jan 01, 2021

## Shahrekord University of Medical Sciences, School of Health

## Research Interests

Non-Communicable Diseases (NCDs) cardiovascular, myocardial infarction, cancer, lung, etc., modeling in health and epidemics, cohort studies, spatial analysis and GIS.

**i)** evaluate the prevalence and long-term trends of NCDs and their outcomes in an Iranian province with unique geographical, ethnic, and socioeconomic characteristics

**ii)** investigate associations of environmental and genetic/ethnic factors with the prevalence and incidence of NCDs and their outcomes

**iii) to** examine the interplay between genetic/ethnic and environmental factors in the etiology and prevention of NCDs.

**iv)** provide the basis for various types of epidemiological studies (e.g., social, spatial, molecular epidemiology) and generate scientific evidence that may contribute to improving public health in Iran, **v)** national and international collaboration and to make the research community aware of the existence of large cohorts around the world.
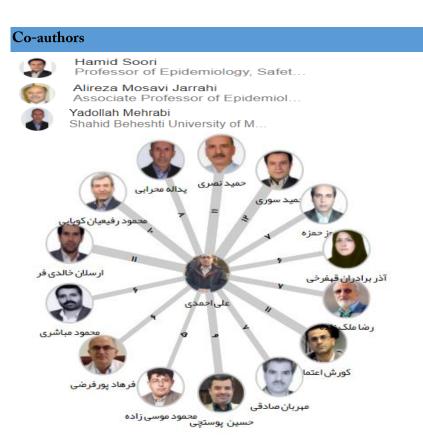
## INNOVATIVE PROJECTS

Shahrekord Prospective Epidemiological Research Studies in IrAN (PERSIAN) Cohort Study and Biobank



SCOPUS Pie Chart

## Co-authors

Hamid Soori
Professor of Epidemiology, Safet...

Alireza Mosavi Jarrahi
Associate Professor of Epidemiol...

Yadollah Mehrabi
Shahid Beheshti University of M...

## SELECTED PUBLICATIONS

1-**Ahmadi A**, Soori H, Mehrabi Y, Etemad K, Samavat T, Khaledifar A. Incidence of acute myocardial infarction in the Islamic Republic of Iran: a study using national registry data in 2012. Eastern Mediterranean Health Journal; 2015;21(1):5-12. [ISI/Medline]

2-**Ahmadi A**, Soori H, Mehrabi M, EtemadK, Saj**jadi H, Sadeghi M.** Predictive factors of hospital mortality due to myocardial infarction: A multilevel analysis of Iran's national data. International Journal of Preventive Medicine. 2015;6:112 [ISI/Medline]

3-**Ahmadi A**, Soori H, Sajjadi H. Modeling of in-hospital mortality determinants in myocardial infarction patients, with and without type 2 diabetes, undergoing pharmaco-invasive strategy: the first national report using two approaches in Iran. Journal of Diabetes Research and Clinical Practice; 2015.108(2):216-222. [ISI/Medline, IF:2.6]

4-**Ahmadi A**, Salehi F. Evaluation of observed and the expected incidence of common cancers: An experience from Southwestern of Iran, 2010–2014. J Res Med Sci 2018;23(1).

5- Kiani FZ, **Ahmadi A**. Prevalence of different comorbidities in chronic obstructive pulmonary disease among Shahrekord PERSIAN cohort study in southwest Iran. Sci Rep. 2021 Jan 15;11(1):1548. IF:4

6- Khaledifar A, Hashemzadeh M, Solati K, Poustchi H, Bollati V, **Ahmadi A**, et al. l. The protocol of a population-based prospective cohort study in southwest of Iran to analyze common non-communicable diseases: Shahrekord cohort study. BMC Public Health. 2018 May 25;18(1):660. IF:2.5

## PUBLICATION BOOK

**Ahmadi A**, Clinical trials a practical Guide to Design, Analysis and Reporting. Gap Pub. ISSN: 9786007197974, 2019

**Ahmadi A**, Lashkardoust H. Principles and Statistical Methods in Medical Research & Epidemiology through STATA.2013; Shahrekord University of Medical Sciences, Elyas Publication, 520 pages, ISSN:978-600-5727-21-0

**Ahmadi A.** Introduction to Stata. 2010. Asef Publication.

**Ahmadi A,** Rezaei M. Introduction to HIV/AIDS. Bushehr University of Medical Sciences, Boushehr, Iran; 2008.

## SOFTWARE SKILLS

*STATA, SPSS, EndNote, Arc GIS, ICDL (Word, PowerPoint, Excel, Access), TreeAge, Gpower, EPI INFO, DISMOD, Med Calc, Prism, Random Allocation Software*

## INTERNATIONAL COLLABORATION

1- **NCD Risk Factor** Collaboration (NCD-RisC), Published paper in **Nature**. 2020;582(7810):73-77

2- **Global Burden of Disease** (GBD) published a paper in **Lancet**. 2020;7;396(10261):1511-1524

3- **Center** of Molecular and Genetic Epidemiology, Department of Clinical Sciences and Community Health, Università Degli Studi di Milano, Milan, Italy. Published paper in **BMC Public Health**. 2018

4- Digestive Disease Research Center, Digestive Diseases Research Institute, Tehran University of Medical Sciences, Tehran, Iran. **Establishment** of PERSIAN cohort

5- **Precision Medicine**, School of Clinical Sciences at Monash Health, Monash University, Clayton, VIC, Australia. Cancer Epidemiology Division, Cancer Council Victoria, Melbourne. Centre for Epidemiology and Biostatistics, Melbourne School of Population and Global Health, The University of Melbourne, Parkville, VIC, Australia

## RESEARCH PROFILES

Microsoft Academic

**Ali Ahmadi,
MSc, PhD
Epidemiologist
Associate Professor**

Curriculum Vitae
Jan 01, 2021

**Shahrekord University of Medical
Sciences, School of Health**

## Teaching/Clinical Interest

- Lecturer for both undergraduate and graduate students
- Epidemiological Methods
- Molecular Epidemiology
- Environmental Epidemiology, Social Epidemiology
- Monitoring and Evaluation of PHC/UHC
- Data Analysis and Statistical Methods
- Modeling in Health, Health System Epidemiology
- Geographical Information System (GIS) in Health
- Principal Epidemiology
- Research Methodology
- Epidemiology of Communicable & Non-Communicable diseases
- Demography, Cohort Study
- An applied computer for Health students and Data Analysis
- Planning in Health System and Management
- Epidemiological models and methods
- Analysis and interpretation of health data



Teaching Epidemiological Laboratory, 2019



Teaching and Lecturer for Cohort Study, 2015