

Curriculum Vita



Zahra Khorrami

PhD in Epidemiology

1. PERSONAL DATA

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2. EDUCATIONAL BACKGROUND

2017 -2020

PhD in Epidemiology

Kerman University of Medical Science- Kerman –Iran.

2013-2016

Master's Degree in Epidemiology

Department of Epidemiology, Shahid Beheshti Medical University, Tehran-Iran

2010-2012

Bachelor's Degree in Public Health

Department of health sciences, Shahid Sadoughi University of Medical Sciences, Yazd, Iran

2008-2010

Associate Degree in Public Health (Family health)

Department of health sciences, Jahrom University of Medical Sciences, Jahrom, Iran

3. ACADEMIC AND RESEARCH EXPERIENCE	
2021- Present	Assistant professor (Faculty member) Ophthalmic Research Center, Research Institute for Ophthalmology and Vision Science, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
2020-Present	Research fellow Research Institute for Ophthalmology and Vision Science, Shahid Beheshti University of Medical Science
2017-2022	Lecturer Research Institute for Ophthalmology and Vision Science Shahid Beheshti University of Medical Science Department of Biostatistics and Epidemiology, Kerman University of Medical Sciences, Kerman (Iran).
2018-2023	Research advisor and statistical consultant Labbafinezhad Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran. Research Institute for Ophthalmology and Vision Science Shahid Beheshti University of Medical Science Clinical Research Center, Shafa Hospital, Kerman University of Medical Sciences, Kerman (Iran).
2019-2021	Research fellow Ministry of Health and Medical Education Department of Population and Maternal Health Office of Control and Prevention of Non-Communicable Diseases National Committee for Covid-19 Disease Control
2018-2023	Reviewer Journal Journal of Ophthalmic and Vision Research (JOVR) BMJ Open Asian Pacific Journal of Cancer Prevention

	<p>Bulletin of the World Health Organization</p> <p>Journal of Health and Development (Kerman University of Medical Sciences).</p> <p>Journal of Community Health (Shahid Beheshti Medical University).</p> <p>Congress</p> <p>Reviewer at the 8th Iranian Epidemiology congress & the 1st international congress of clinical Epidemiology (27-29 April 2016).</p> <p>Reviewer at the 11th university students conference on innovations in Health Sciences (12 May 2018).</p> <p>Reviewer at the 9th Iranian Epidemiology congress (22-24 Oct 2019).</p> <p>Reviewer at the 10th Iranian Epidemiology congress & the 2st international congress of clinical Epidemiology (28-30 Nov 2023).</p>
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4. PERSONAL SKILLS

Language	Persian (Fluent), English (Good)
proficiency Technical	Microsoft Office (ICDL), Arc GIS, SPSS, STATA, R, Spectrum and One Health software. Beginner in RDS, Python, and VENSIM.
Organisational/ managerial skills	Leadership gained by experience of being a lecturer in the university.
Job-related skills	<p>I can design different types of epidemiological studies and manage the research projects.</p> <p>I can analyze data and apply statistical modelling via statistical packages such as SPSS, R, and Stata.</p> <p>I am able to work properly in teams.</p> <p>I am a good presenter in the class and able to make complicated issues simple and easy to understand.</p> <p>I am good enough in scientific writing.</p>

5. Papers published in Peer reviewed Journals

Abolhosseini M, Khorrami Z , Safi S, Akbari ME, Moshtaghion SM, Mohammadi SF, Kanavi MR, Karimi S. A joinpoint and age–period–cohort analysis of ocular cancer secular trends in Iran from 2004 to 2016. Scientific Reports. 2023 Jan 19;13(1):1074.	2023
Farhad, Arefinia, Rabiei Reza, Hosseini Azamossadat, Ghaemian Ali, Roshanpoor Arash, Aria Mehrad, and Khorrami Zahra . "Artificial intelligence in estimating fractional flow reserve: a systematic literature review of techniques." BMC Cardiovascular Disorders 23, no. 1 (2023): 407.	2023
Khorrami Z , Balooch Hasankhani M, Khezri M, Jafari-Khounigh A, Jahani Y, Sharifi H. Trends and projection of incidence, mortality, and disability-adjusted life	2023

5. Papers published in Peer reviewed Journals

years of HIV in the Middle East and North Africa (1990–2030). Scientific Reports. 2023 Aug 24;13(1):13859.	
Safi S, Ahmadzade M, Karimi S, Akbari ME, Rouientan H, Abolhosseini M, Rezaei Kanavi M, Khorrami Z . A registration trend in eyelid skin cancers and associated risk factors in Iran, 2005–2016. BMC cancer. 2023 Sep 30;23(1):924.	2023
Balooch Hasankhani M, Jahani Y, Sharifi H, Jafari-Khounigh A, Khorrami Z . Clustering Countries based on the Trend of COVID-19 Mortality Rates: An Application of Growth Mixture Models. The Open Public Health Journal. 2023 Oct 13;16(1).	2023
Rezakhani L, Darbandi M, Khorrami Z , Rahmati S, Shadmani FK. Mortality and disability-adjusted life years for smoking-attributed cancers from 1990 to 2019 in the north Africa and middle east countries: a systematic analysis for the global burden of disease study 2019. BMC cancer. 2023 Jan 24;23(1):80.	2023
Shahriari MH, Sabbaghi H, Asadi F, Hosseini A, Khorrami Z . Artificial intelligence in screening, diagnosis, and classification of diabetic macular edema: A systematic review. Survey of Ophthalmology. 2022 Aug 12.	2023
Khorrami Z , Pourkhosravani M, Eslahi M, Rezapour M, Akbari ME, Amini H, Taghavi-Shahri SM, Künzli N, Etemad K, Khanjani N. Multiple air pollutants exposure and leukaemia incidence in Tehran, Iran from 2010 to 2016: a retrospective cohort study. BMJ open. 2022 Jun 1;12(6):e060562.	2022
Sami R, Soltaninejad F, Shayganfar A, Mirfendereski S, Mansourian M, Khademi N, Dehghan M, Khorrami Z , Jalali S, Mokhtari Z. Severity of Disease and COVID-19 Complications During Hospital Stay: A Prospective Cohort Study. Archives of Iranian Medicine. 2022 Jun 1;25(6):383-93.	2022
Z Khorrami , Ye T, Sadatmoosavi A, Mirzaee M, Davarani MM, Khanjani N. The indicators and methods used for measuring urban liveability: a scoping review. Reviews on Environmental Health. 2021 Sep 1;36(3):397-441.	2021
Z Khorrami , Mirzaee M, Davarani MM, Khanjani N. Measuring liveability in Iranian cities using the Global Liveable City Index (GLCI). Health Scope. 2021 May 31;10(2).	2021
Z Khorrami , Mirzai M, Davarani MM, Khanjani N. Association of Urban Liveability with Cancer Incidence in Iran: A Nationwide Ecological Study. International Journal of Cancer Management. 2021 Oct 31;14(10).	2021
Z Khorrami , Zolala F, Haghdoust A, Sadatmoosavi A, Ben Taleb Z, Kondracki A, Ward KD, Shahbaz M, Ebrahimi Kalan M. Job-related stress and tobacco smoking: A systematic review. Journal of Workplace Behavioral Health. 2021 Oct 2;36(4):259-77.	2021
Aryaie M, Sharifi H, Z Khorrami , Ardalan G, Rajaei L, Heydari G, Shahesmaeili A. Prevalence of cigarette smoking in Iranian adolescents and young adults: a systematic review and meta-analysis. East Mediterr Health J. 2021 Jun 1; 27(6):612-28.	2021
Z Khorrami , Pourkhosravani M, Rezapour M, Etemad K, Taghavi-Shahri SM, Künzli N, Amini H, Khanjani N. Multiple air pollutant exposure and lung cancer in Tehran, Iran. Scientific Reports. 2021 Apr 29;11(1):1-1.	2021
Z Khorrami , Nili S, Sharifi H, Eybpoosh S, Shokoohi M. Association of cigarette smoking, obesity, and underlying medical conditions with COVID-19 hospitalization and mortality in Iran: A nationwide retrospective ecological study. Medical Journal of the Islamic Republic of Iran. 2020; 34:133.	2020
H Sharifi, M Karamouzian, Z Khorrami , M Khalili, E Mostafavi, S Eybpoush, et al. The accuracy of modeling the burden of COVID-19 in Iran with international airline travelers' data. Annals of Medicine 2020.	2020
Z Khorrami , M Rezapour, K Etemad, S Yarahmadi, S Khodakarim, et al. The	2020

5. Papers published in Peer reviewed Journals

patterns of non-communicable disease Multimorbidity in iran: A Multilevel Analysis. Scientific Reports 10 (1), 1-11	
Z Khorrami , Ye T, Sadatmoosavi A, Mirzaee M, Davarani MM, Khanjani N. The indicators and methods used for measuring urban liveability: a scoping review. Reviews on Environmental Health. 2020 Dec 16; 1.	2020
M Rezapour, Z Khorrami , R Tabe, N Khanjani. The Prevalence of Occupational Risk Factors and Occupational Diseases in Kerman, Iran. International Journal of Epidemiologic Research 6 (2), 65-69.	2019
Z Khorrami , K Etemad, S Yarahmadi, S Khodakarim, M Kameli, et al. Urbanization and noncommunicable disease (NCD) risk factors: WHO STEPwise Iranian NCD risk factors surveillance in 2011. Eastern Mediterranean Health Journal 23 (7), 469.	2017
Z Khorrami , S Yarahmadi, K Etemad, S Khodakarim, ME Kameli, et al. Urban-rural differences in the prevalence of self-reported diabetes and its risk factors: the WHO STEPS Iranian non-communicable disease risk factor surveillance in 2011. Iranian journal of medical sciences 42 (5), 481.	2018
Etemad K, Heidari A, Nadafi K, Panahi MH, Ahmadnejad E, Malekafzali, Z khorrami , et al. Evidences for Confirmation of an Epidemic in Acute Respiratory Syndrome Crisis among Residents of Ahvaz November 2013. Iranian Journal of Epidemiology 12 (1), 35-40	2016
Mokhayeri Y , Haghdoost AA , Mahmoudi M , Asadi-Lari M , Hashemi, Z khorrami . Estimating the Life expectancy Using Multiple Decrement Life Tables in Tehran – 2010. Iranian Journal of Epidemiology 11 (2), 61-68.	2010

6. Workshop Instructor

Workshop	Organizing Institute	Date
How to choose the appropriate statistical test in medical science	Research Institute for Ophthalmology and Vision Science ,Shahid Beheshti University of Medical Science	2023
Critical Appraisal 1	Labbafinezhad Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran.	2023
Critical Appraisal 2	Labbafinezhad Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran.	2023
Critical Appraisal 3	Labbafinezhad Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran.	2023

Critical Appraisal 4	Labbafinezhad Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran.	2023
Advance data visualization in Stata and R software	Summer School of Iranian Epidemiology Association	2022
Research Methods in Ophthalmology	Research Institute for Ophthalmology and Vision Science ,Shahid Beheshti University of Medical Science	2021
Spectrum and One Health software training	The 9 th Iranian Epidemiology congress, Shahid Beheshti Medical University, Tehran-Iran.	2019
Scientific writing	Faculty of Medicine, Kerman University of Medical Sciences	2018
Scientific writing	School of Nursing, Kerman University of Medical Sciences	2018
Proposals writing	School of Health, Kerman University of Medical Sciences	2019
Proposals writing	School of Nursing, Kerman University of Medical Sciences	2018
Errors of Research in Medical Sciences	Faculty of Medicine, Kerman University of Medical Sciences	2018
Research Methods in Medical Sciences	School of Nursing, Kerman University of Medical Sciences	2019
Statistical analysis with software, SPSS	School of Nursing, Kerman University of Medical Sciences	2018

7. Project

Title	Organizing Institute
Air pollution and severity of ocular surface tumors in Tehran	Research Institute for Ophthalmology and Vision Science, Shahid Beheshti University of Medical Science
Effectiveness of non-pharmaceutical interventions on hospitalization and mortality of COVID-19 in Iran	Shahid Beheshti University of Medical Science
Iran's Diabetic Retinopathy Care 360°Actions"	Research Institute for Ophthalmology and Vision Science, Shahid Beheshti

	University of Medical Science
Independent Review and Assessment of Existing Smartphone Applications for Testing the Visual Acuity	Research Institute for Ophthalmology and Vision Science, Shahid Beheshti University of Medical Science
The patterns of non-communicable disease Multimorbidity in iran: A Multilevel Analysis.	Neurology Research Center, Kerman University of Medical Sciences, Kerman, Iran
Urban liveability and it's relation with the NCD incidence of some diseases in IRAN	Neurology Research Center, Kerman, Iran
Cancer Incidence and BTEX volatile organic compounds in Tehran: An Ecological Study	Neurology Research Center, Kerman, Iran
leukemia Cancer Incidence and BTEX volatile organic compounds in Tehran: An Ecological Study	Cancer Research Center, Shahid Beheshti Medical University, Tehran-Iran.
Breast Cancer Incidence and BTEX volatile organic compounds in Tehran: An Ecological Study	Cancer Research Center, Shahid Beheshti Medical University, Tehran-Iran.
Severity of disease and complications of COVID-19 in patients: Cohort of Isfahan Khorshid Hospital.	Isfahan University of Medical Sciences, Isfahan, Iran.
The trend of maternal mortality during the years 2010 to 2019 in Iran	Ministry of Health and Medical Education, Tehran,Iran.

8. Conference/Congress/ Seminar Presentation

Oral Presentation

Ambient air pollutants and breast cancer stage in Tehran, Iran
The 10th National and 3rd International Iranian congress of Epidemiology, Tehran, Iran (9-11 Dec, 2023).

<p>Donor Risk Factors and Environmental Conditions Associated with Poor Quality Corneas: An Analysis of Central Eye Bank of Iran (2018 -2021)</p> <p>The 10th National and 3rd International Iranian congress of Epidemiology, Tehran, Iran (9-11 Dec, 2023).</p>
<p>Urbanization and non-communicable disease risk factors in Iran: Results from the World Health Organization Stepwise Approach to Chronic Disease Risk Factor Surveillance 2011.</p> <p>At the 8th Iranian Epidemiology congress & the 1st international congress of clinical Epidemiology, Ilam, Iran (27-29 April 2016).</p>
<p>Breast cancer and its risk factors at different levels of urbanization: Results from the WHO Stepwise Approach to non-communicable disease (NCD) Risk Factor Surveillance 2011. International Breast Cancer Congress, Tehran, Iran (2015).</p>
<p><i>Poster Presentation</i></p>
<p>The patterns of non-communicable disease Multimorbidity in Iran: A Multilevel Analysis. The 9th Iranian Epidemiology congress, Tehran, Iran (22-24 Oct 2019).</p>
<p>The Prevalence of Cigarette Smoking in Iranian Adolescents and Young Adults: A Systematic Review and Meta-Analysis.</p> <p>The 9th Iranian Epidemiology congress, Tehran, Iran (22-24 Oct 2019).</p>
<p>Urban- rural differences in prevalence of self-reported diabetes mellitus and its risk factors in Iran—The WHO–STEPS Iranian NCD risk factor surveillance in 2011.</p> <p>The 11th university students conference on innovations in Health Sciences (12 May 2018).</p>

9. Certificates

- Advanced excel, PowerPoint and word skill from Kerman University of Medical Science.
- Advanced scientific writing workshop from Shahid Beheshti Medical University, Tehran-Iran.
- Advanced search strategy workshop from Shahid Beheshti and Kerman Medical University.

- Systematic review and meta-analysis workshop from Tehran University of Medical Science.
- Systematic review and meta-analysis workshop from kerman University of Medical Science.
- End note workshop from Kerman Medical University, Kerman-Iran.
- Ethic in research workshop from Shahid Beheshti Medical University, Tehran-Iran.
- Stata software workshop from kerman University of Medical Science.
- Sample size in research from Kerman Medical University, Kerman-Iran.
- GIS from Kerman University of Medical Science.
- Longitudinal study from Kerman University of Medical Science.
- Time Series from Kerman University of Medical Science.
- Network scale up analysis from Kerman University of Medical Science.
- Multimorbidity analysis from Kerman University of Medical Science.

10. Membership of Professional Associations

Membership of the Iranian Epidemiology Association (IrEA).

Membership of Red Crescent Society.

11. Awards & Honors

2011	Elected as top student in BSc degree
2013	Ranked as 5 st rank at Msc entrance exam.
2016	Elected as top oral presentation at the 8 th Iranian Epidemiology congress & the 1 st international congress of clinical Epidemiology
2020	Elected as top student in PhD degree at Kerman Medical University

