

Curriculum Vitae

Maryam Nasirian

General Information

Degree: PhD of Epidemiology

Academic position: Associate professor, Department of Biostatistics and Epidemiology, Isfahan University of Medical Sciences.

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Degrees

- Kerman University of Medical Sciences, Kerman, Iran, graduated in 2015 as PhD of Epidemiology
- Kerman University of Medical Sciences, Kerman, Iran, graduated in 2010 as MSc of Epidemiology
- Shahid Beheshti University of Medical Sciences, Tehran, Iran, graduated in 2003 as BS of Public health
- Ahvaz University of Medical Sciences, Ahvaz, Iran, graduated in 2000 as BA of family health

Thesis

- **PhD Thesis:** Modelling of Incidence and Prevalence of Sexually Transmitted Infections in Iran, 2015
- **MSc Thesis:** Modeling the expected distribution of HIV infections by exposure group in Iran, 2010
- **BA Thesis:** knowledge and attitude of elementary students about breakfast in Tehran, 2003

Publication and papers

A) Scientific Papers

1. Main concepts in the statistical analysis and presentation of findings. **Nasirian M**, haghdoost AA, Sadeghi M. Journal of Isfahan medical school. 2009[in Persian].
2. Measurement errors in medical research. Sadeghi M, **Nasirian M** , Haghdoost AA. Payesh. 2009 [in Persian].
3. Modelling of HIV/AIDS in Iran up to 2014. Ali Akbar Haghdoost, Ehsan Mostafavi, Ali Mirzazadeh, Soodabeh Navadeh, Ali Feizzadeh, Nooshin Fahimfar, Kianoosh Kamali, Hengameh Namdari, Abbas Sedaghat, Mohammad Mehdi Gooya, Leily Sajadi, Farzaneh zolala, **Maryam Nasirian (corresponding Author)**. Journal of AIDS and HIV Research(JAHR),2011.
4. Modeling of Human Immunodeficiency Virus modes of transmission in Iran. **Maryam Nasirian**, Fardad Doroudi, Mohammad Mehdi Gooya, Abbas Sedaghat, Ali Akbar Haghdoost. JHSR,2011.
5. Kermanian Customs in the case of postpartum care. **Maryam Nasirian**, Narges Khanjani, Mehri Safaari. Darmangar journal, 2011 [in Persian].
6. Research priorities in the field of HIV and AIDS in Iran. AliAkbar Haghdoost, Masoomeh Sadeghi, **Maryam Nasirian**, Ali Mirzazadeh,Soodabeh Navadeh. Journal of Research in Medical Sciences,2012.
7. Modeling of human immunodeficiency virus modes of transmission in Iran. **Maryam Nasirian**, Fardad Doroudi, Mohammad Mahdi Gooya, Abbas Sedaghat, Ali Akbar Haghdoost. Journal of research in health sciences.2012
8. Why is the number of HIV/AIDS-related publications low in the MENA region?. **Maryam Nasirian**, Mohammad Karamuzian, Ali Akbar Haghdoost. Sex Transm Infect,2013.
9. Recent Advances of the HIV Surveillance System in Iran; Current Situation and Ways Forward. Mohammad Karamuzian,**Maryam Nasirian**, Ali Akbar Haghdoost. Sex Transm Infect, 2013.
10. Recent advances and main challenges of HIV surveillance system in Iran. Ali Akbar Haghdoost, Mohammad Karamuzian,**Maryam Nasirian**. Lancet, 2014.
11. Sexually Transmitted disease surveillance in Iran from the viewpoint of experts and practitioners associated with these infections. **Nasirian M**, Haghjou L, Mounesan L, Kamali K, Haghdoost, Behdasht va tosee [in Persian],2015.
12. Population-based survey on STI-associated symptoms and health-seeking behaviours among Iranian adults. **Maryam Nasirian**, Mohammad Reza Baneshi, Kianoush Kamali, Ali Akbar Haghdoost. Sex Transm Infect, 2015.
13. Estimation of Prevalence and Incidence of Sexually Transmitted Infections in Iran; A model-based approach. **Maryam Nasirian**, Mohammad Reza Baneshi, Kianoush Kamali, Ali Akbar Haghdoost. JRHS, 2015.
14. Care Seeking Patterns of STIs-Associated Symptoms in Iran: Findings of a Population-Based Survey. **Maryam Nasirian**, Mohammad Reza Baneshi, Kianoush Kamali, Ali Akbar Haghdoost. IJHPM, 2015.
15. Estimation of the prevalence of chronic kidney disease: results of a model based on the

data from Kerman, Iran. Reza Tabrizi, Eghbal Sekhavati, Farzaneh Zolala, **Maryam Nasirian**, Mohammad Reza Baneshi, Abbas Etminan, Mahmoud khodadost, Ali Akbar Haghdoost. *Med J Islam Repub Iran*, 2015.

16. Evaluation of Nosocomial infections surveillance system in Iran; a qualitative study. Mousazadeh M, Eybpoosh S, **Nasirian M**, Molavi H, Sheikhzadeh Kh, Afshari M, Haghdoos AA. *Journal of Qualitative Research in Health Sciences*, 2015[in Persian].
17. Prevalence of anxiety and depression symptoms and their relationship with other coronary artery disease risk factors: A population-based study on 5900 residents in Southeast Iran. Hamid Najafipour, Ghodsiyeh Banivaheb, Abdolreza Sabahi, Nasrollah Naderi, **Maryam Nasirian**, Ali Mirzazadeh. *Asian Journal of Psychiatry*, 2016.
18. Effective Interventions to Improve Triangular Clinic Services. **Maryam Nasirian**, Roohollah Zahmatkesh, Mehdi Shafiei. *Addict Health journal*, 2016.
19. Prevalence of HIV/AIDS among Iranian prisoners: a review article. Morteza Akbari, Maryam Akbari, Ahmad Naghibzadeh-Tahami, Hassan Joulaei, **Maryam Nasirian**, Maryam Hesampour, Kamran Bagheri-Lankarani. *Addiction & health*, 2016.
20. Happiness and risk behaviours in freshman students of Khorramabad universities; the first phase of a longitudinal study. Mohammad Javad Tarrahi, **Maryam Nasirian (corresponding)**. *Iranian Journal of Psychiatry and Behavioral Sciences*, 2017.
21. Prevalence of Sexually Transmitted Infections and its risk factors among female sex workers in Isfahan, Iran. **Maryam Nasirian**, Sina Kianersi, Shervin Ghaffari Hoseini, Nazila Kassaian, Majid Yaran, Parisa Shoaei, Behrooz Ataei, Reza Fadaei, Marjan Meshkati, Alireza Emami Naeini, Mojtaba Rostami Jalilian. *Journal of the International Association of Providers of AIDS Care (JIAPAC)*, 2017.
22. HIV Prevalence among Female Sex Workers In Iran: A systematic review. Roya Safari Faramani, Armita Shahesmaeili, Samira Hosseini Hooshyar, Razieh Khajehkazemi, **Maryam Nasirian**, Hamid Sharifi, Kianoosh Kamali. *BMJ Open*, 2017.
23. Knowledge, Attitude and Practice of HIV/AIDS: a systematic review among key population at risk for HIV infection in Iran. Samira Hosseini Hooshyar, Armita Shahesmaeili, Roya Safari Faramani, Razieh Khajehkazemi, **Maryam Nasirian**, Hamid Sharifi, Kianoosh Kamali. *BMJ Open*, 2017.
24. Prevalence of sexually transmitted infections based on syndromic approach and associated factors among Iranian women. Fereshteh Rostami, Mostafa Shokoohi, Mary Aderayo Bamimore, **Maryam Nasirian**, Mehran Asadi-Aliabadi, AliAkbar Haghdoost. *Iranian Journal of Health Sciences*, 2017.
25. Bias analysis of Self-reporting of Sexually Transmitted Infections symptoms in face-to-face interviewing women, Kerman, Iran. Marziyeh Mahboobi, **Maryam Nasirian (corresponding)**. *Journal of Health System Research*, 2017[in Persian].
26. Does crosswise method cause overestimation? An example to estimate the frequency of sexually transmitted infection associated symptoms in general population: A cross-sectional study. **Maryam Nasirian**, Samira Hosseini Hooshyar, Arezu Saeidifar, Leila Taravatmanesh, Aboubakr Jafarnezhad, Sina Kianersi, Ali Akbar haghdoost. *Health Scope*, 2017.

27. Validation of the verbal autopsy questionnaire for adult deaths in Iran. A Dehghan, **M Nasirian**, AA Haghdoost, E Bahramali, H Sharifi. Medical Journal of The Islamic Republic of Iran (MJIRI), 2018.
28. Hepatitis C Virus Seroprevalence and Associated Risk Factors Among Male Drug Injectors in Kermanshah, Iran. A Sharhani, Y Mehrabi, A Noroozi, **M Nasirian**, P Higgs, A Hajebi. Hepatitis Monthly, 2017.
29. How and where do we ask sensitive questions: self-reporting of STI-associated symptoms among the Iranian general population. **M Nasirian**, S Hosseini Hooshyar, AA Haghdoost, M Karamouzian. Int J Health Policy Manag, 2018.
30. Epidemiological characteristics and the incidence trend of brucellosis in Kohgiluyeh County, Iran, period: 2011-2015. E Naimi, **M Nasirian**, E Piraei, SH Faghihi. Dilemas Contemporaneos-Educacion Politica Y Valores, 2019.
31. Quality of Educational Services from the Viewpoint of Medical Students in three stages: Basic sciences, Externship and internship of Alborz University of Medical Sciences. Mojtaba Hedayat Yaghoubi, Zohreh Ghazivakili, **Maryam Nasirian**. The Journal of Medical Education and Development. 2019.
32. Cytomegalovirus Specific Cell-mediated Immunity Status in Women with Pre-eclampsia: A Case-control Study. Roya Sherkat, Zahra Shahshahan, Sahar Memar Montazerin, Maryam Kalateh Jari, Majid Yaran, **Maryam Nasirian**, Somaye Najafi. Journal of clinical immunology, 2019.
33. An analysis and survey of interleukin-10 receptor mutation in inflammatory bowel disease (IBD) in the first Iranian IBD cohort. Razieh Khoshnevisan, Fariba Vakili, Christoph Klein, Daniel Kotlarz, **Maryam Nasirian**, Roya Sherkat, Abbas Rezaei. Journal of Laboratory Medicine, 2019.
34. The effect of omega-3 and vitamin E on oxidative stress and inflammation: Systematic review and meta-analysis of randomized controlled trials. Seyedeh Parisa Moosavian, Arman Arab, Sanaz Mehrabani, Sajjad Moradi, **Maryam Nasirian (corresponding Author)**. International Journal for Vitamin and Nutrition Research, 2019.
35. The association between serum vitamin D, fertility and semen quality: A systematic review and meta-analysis. Arman Arab, Amir Hadi, Seyedeh Parisa Moosavian, Gholamreza Askari, **Maryam Nasirian (corresponding Author)**. International Journal of Surgery, 2019.
36. Population based estimation of point and period prevalence of sexually transmitted infections based the Iranian symptoms surveillance system. M Fararouei, M Mousavi, PA Kazerooni, **M Nasirian**, H Ghaem. Amazonia Investiga, 2019.
37. HIV and Other Sexually Transmitted Infections Among Female Sex Workers in Iran: A Systematic Review and Meta-analysis. Mohammad Karamouzian, **Maryam Nasirian (corresponding Author)**, Shervin Ghaffari Hoseini, Ali Mirzazadeh. Archive of sexual behaviours, 2019.
38. The effect of group discussion on self-care behaviors among hypertensive patients referring to health care centers in Arak City. Alireza Jamshidi, Nasrin Rozbahani, **Maryam Nasirian (corresponding Authors)**. Scientific Journal of Kurdistan University of Medical Sciences, 2020.

39. Stigma and discrimination in the view of people living with human immunodeficiency virus in Isfahan, Iran. Setayesh Sindarreh, Fatemeh Ebrahimi, **Maryam Nasirian (corresponding Authors)**. HIV & AIDS Review. International Journal of HIV-Related Problems.2020.
40. Isfahan COvid-19 REgistry (I-CORE): design and methodology. Shaghayegh Haghjooy Javanmard, **Maryam Nasirian (corresponding Authors)**, Behrouz Ataei, Golnaz Vaseghi, Atefeh Vaezi, Tahereh Changiz,2020.
41. Fear and rumor associated with COVID-19 among Iranian adults, 2020. Maryam Zamanian, Delniya Ahmadi, Setayesh Sindarreh, Forugh Alebrahim, Hosein Molavi Vardanjani, Sayed Hassan Faghihi, Roya Safari-Faramani, **Maryam Nasirian (corresponding Authors)**. Journal of Education and Health Promotion, 2020.
42. The Relationship between Maternal Health Literacy and Pregnancy Status in New Mothers who Referred to Health Centers of Yazd. Tahereh Nodooshan, Asieh Pirzadeh, **Maryam Nasirian**. Toloobehtdasht,2020.
43. HIV Modes of Transmission in Sudan in 2014. **Maryam Nasirian**, Sina Kianersi, Mohammad Karamouzian, Mohammed Sidahmed, Mohammad Reza Baneshi, Ali Akbar Haghdoost, Hamid Sharifi. Int J Health Policy Manag,2019.
44. Attitudes and Practice of Health Care Workers about Human Immunodeficiency Virus in Isfahan, Iran. Fatemeh Ebrahimi, Setayesh Sindarreh, **Maryam Nasirian (corresponding Authors)**,2020.
45. Epidemiological Pattern and Trend of Brucellosis in Diagnosed Patients in Isfahan Province, Iran, during 2011-8. Mostafa Saberi, Nafiseh Sadeghian, Reza Fadaei Nobari, Javad Ramazanpour, **Maryam Nasirian (corresponding Authors)**. Archives of Hygiene Sciences,2020.
46. Latent class analysis of symptoms for sexually transmitted infections among Iranian women: Results from a population-based survey. MJ Tarrahi, S Kianersi, **M Nasirian (corresponding Author)**. Health care for women international, 2020.
47. Correlates of injecting paraphernalia sharing among male drug injectors in Kermanshah, Iran: implications for HCV prevention. Yadollah Mehrabi, Koorosh Etemad, Alireza Noroozi, Peter Higgs, **Maryam Nasirian**, Asaad Sharhani, Nahid Khademi, Ahmad Hajebi, Mehdi Noroozi, Ebrahim Shakiba, Behrooz Hamzeh, Mehdi Azizmohammadlooha. Journal of Substance Use,2020.
48. Design of a Clinical Trial Study to Evaluate the Effect of Dry Needling of Gluteus Medius Muscle on Pain and Function of Women with Patellofemoral Pain Syndrome: A Double-Blind Randomized Clinical Trial Protocol. J Mostamand, F Karamiani, A Rahimi, **M Nasirian** - Journal of Research in Rehabilitation Sciences, 2020.
49. Human immunodeficiency virus (HIV) stigma among general population in Isfahan metropolis in Central Iran. Fatemeh Ebrahimi, Setayesh Sindarreh, **Maryam Nasirian (corresponding Author)**. Journal of HIV/AIDS & Social Services,2020.
50. The status of service centers for patients with sexually transmitted infections in four cities of Tehran, Kerman, Babol, Shiraz as a representative of the provincial centers of Iran in 2013. Forough Alebrahim, Kianoush Kamali, **Maryam Nasirian(corresponding Author)** Southern Medicine[in Persian], 2020.
51. The association between serum omentin level and bodyweight: A systematic review and

- meta-analysis of observational studies. Arman Arab, Seyedeh Parisa Moosavian, Amir Hadi, Elham Karimi, **Maryam Nasirian(corresponding Author)**. Clinical Nutrition ESPEN, 2020.
52. Neutrophil-to-Lymphocyte ratio as a potential biomarker for disease severity in COVID-19 patients. Shaghayegh Haghjooy Javanmard, Golnaz Vaseghi, Amirreza Manteghinejad, **Maryam Nasirian(corresponding Author)**. Journal of Global Antimicrobial Resistance,2020.
 53. Health Literacy Related to Cervical Cancer among Women Referring to Health Centers of Yazd, Iran. Akram Aghaei, **Maryam Nasirian**, Asiyeh Pirzadeh,2020.
 54. Predictors of marital satisfaction in married men and women. Fariba Mirhosseini, **Maryam Nasirian**, Fatemeh Bastami, Fereshteh Zamani-Alavijeh. J Educ Community Health,[in persian], 2020.
 55. Estimating the Number of Genital Warts Cases in Bushehr City (Southwest Iran) in 2019 Using the Multiplier Method. Forugh Alebrahim, Katayoun Vahdat, **Maryam Nasirian**. Archives of Clinical Infectious Diseases,2020.
 56. Evaluating Community-Based Programs in Promoting Traffic Behaviors and Safe Road Crossing Behaviors in Youth: An Application on Theory of Planned Behavior. Firoozeh Mostafavi, **Maryam Nasirian**, Manouchehr Zeinali, Gelayol Ardalan, Fatemeh Mohebpour, Seyede Shahrbanoo Daniali, Asiyeh Pirzadeh, Roya Kelishadi. International Journal of Preventive Medicine,2020.
 57. Estimating the Lifetime and age-conditional Risk of an HIV Diagnosis in Iran, 2011-2015. **Maryam Nasirian**, Marzieh Mahboobi, Mohammad Reza Maracy. Iranian Journal of Public Health, 2021.
 58. Association between maternal health literacy level and prenatal care in Iran. Asiyeh Pirzadeh, Tahere Nodooshan, **Maryam Nasirian**. Journal of Health Literacy,2021.
 59. Size Estimation of People Who Inject Drugs and Their Geographical Distribution in Dogonbadan, Iran, During 2018: a Mapping Method. Sayed Hassan Faghihi, Nima Ghalekhani, Parvin Afsar Kazerooni, **Maryam Nasirian (corresponding authors)**. International Journal of Mental Health and Addiction,2021.
 60. Population Size Estimation of Drug Users in Isfahan City (Iran) Using Network Scale-up Method in 2018. M Abshenas-Jami, M Baneshi, **Maryam Nasirian (corresponding authors)**, Addiction and Health, 2021.
 61. Noncommunicable disease, clinical course and COVID-19 prognosis: results based on I-CORE Registry. Shaghayegh Javanmard, Noushin Mohammadifard, **Maryam Nasirian**, Golnaz Vaseghi, Kamal Heidari, Behrouz Kelidari, Tahereh Changiz, Nizal Sarrafzadegan. Eastern Mediterranean Health Journal,2021.
 62. The demographic, clinical, and medical manifestations of pulmonary thromboembolism development in COVID-19. Somayeh Sadeghi, **Maryam Nasirian**, Elaheh Keivany, Peiman Nasri, Maryam Sadat Mirenayat. Blood research,2021.
 63. Population size estimation of high-risk behavior in Isfahan, Iran: using the network scale-up method in 2018. Meysam Abshenas Jami, Mohammadreza Baneshi, **Maryam Nasirian (corresponding authors)**, Journal of Biostatistics and Epidemiology,2021.

64. Prevalence of Acute Kidney Injury in Patients with Sepsis in Isfahan, Iran. Mehdi Kazemi, Bahram Pakzad, Bijan Iraj, Shoresh Barkhordari, **Maryam Nasirian**. Translational Research in Urology, 2021.
65. Feasibility of HIV self-testing among female sex workers in Iran: the SELFii study. R Khajehkazemi, L Taj, T Amiri, S Sindarreh, **Maryam Nasirian**, S Hosseini-Hooshyar, A Esmaeili, W McFarland, M Mohraz, A Mirzazadeh, Journal of the International AIDS Society, 2021.
66. How Human Immunodeficiency Virus Works in the Human Body and the Effect of Treatment Using a Mathematical Model. Najmeh Akbari, Rasoul Asheghi, **Maryam Nasirian (corresponding authors)**, Journal of Health System Research, 2021.
67. Stability and Dynamic of HIV-1 Mathematical Model with Logistic Target Cell Growth, Treatment Rate, Cure Rate and Cell-to-cell Spread . Najmeh Akbari, Rasoul Asheghi, **Maryam Nasirian** .Taiwanese Journal of Mathematics, 2021.
68. On-admission versus in-hospital thromboembolism due to COVID-19 infection. What is the particular characteristic of those with early thrombotic events? S Sadeghi, E Keivany, **M Nasirian**, P Nasri. Advances in Respiratory Medicine, 2021.
69. Red Blood Cell Distribution Width (RDW) as a Predictor of In-Hospital Mortality in COVID-19 Patients; a Cross Sectional Study. Setareh Jandaghian, Atefeh Vaezi, Amirreza Manteghinejad, **Maryam Nasirian**, Golnaz Vaseghi, Shaghayegh Haghjooy Javanmard. Archives of Academic Emergency Medicine, 2021.
70. Co-infection between the severe acute respiratory syndrome coronavirus 2 and the influenza Type B in Isfahan, Iran. K Heshmat-Ghahdarijani, G Vaseghi, **M Nasirian**, SH Javanmard. Journal of research in medical sciences, 2021.
71. The COVID-19 Pandemic, Socioeconomic Effects, and Intimate Partner Violence Against Women: A Population-Based Cohort Study in Iran. Reza Fereidooni, Jennifer Mootz, Rasoul Sabaei, Kaveh Khoshnood, Seyed Taghi Heydari, Mohammad Javad Moradian, Erfan Taherifard, **Maryam Nasirian**, Hossein Molavi Vardanjani. (Under review)
72. Improving the HIV-Stigma in the Marginalized Population in Khorramabad, Iran: An Educational Trial Using Role-Playing and Lecturing. Mina Jomezadeh, Fereshteh Zamani-Alavijeh, **Maryam Nasirian (corresponding authors)**. (under review)

books

1. HIV/AIDS surveillance among most-at-risk population. Regional knowledge Hub for HIV/AIDS surveillance, Kerman University of medical sciences. As translators group, 2009
2. Estimation of HIV infection based on exposure group in Iran. In English and Persian languages. Regional knowledge Hub for HIV/AIDS surveillance, Kerman University of medical sciences. First author, 2011
3. Modeling of HIV infection based on exposure group in Iran. First author 2012. LAP LAMBERT Academic Publishing. At Amazon website.
4. Iranian Health book (KASA). As author of two section (breast cancer, opportunistic Infections), 2013.
5. Epidemiology of communicable diseases in Iran. As author of STI section, 2013.
6. National Guideline on STI Care and Treatment. As authors group, 2016.

Conference Presentation

A) Oral presentation

- Main concepts in the statistical analysis and presentation of result. The 1th congress of epidemiological studies in dentistry, Kerman University of medical sciences, Iran, 2009
- determination of parameters for modeling of HIV infection among high-risk groups in Iran, 6th Epidemiology congress in Iran. Shahrud university of medical sciences, Iran, 2010.
- Estimation and projection of AIDS related death in Iran. The 1th International and 5th national HIV/AIDS congress, Tehran University of medical sciences, Iran, 2011
- Estimation and projection of AIDS related death in Iran. The 4th national HIV/AIDS Seminar, Shahid Beheshti university of medical sciences, Iran, 2012.
- The impact of harm reduction program on HIV transmission among IDUs in Iran, MENAHRA 2nd Regional Conference on Harm Reduction, Lebanon, 2013.
- Estimation and projection of HIV/AIDS in Iran 2014. workshop on Endemic and Emerging Viral Diseases of Priority in the Middle East and North Africa (MENA), Doha, Qatar, 2014.
- Estimation and projection of HIV/AIDS in Iran 2010-2014. XVIII International AIDS conference. Austria, Vienna, 2010.
- Estimation and projection of HIV/AIDS in Iran. The 5th national HIV/AIDS Seminar, Shahid Beheshti university of medical sciences, Iran, 3-5 November 2014.
- Sexually transmitted infections among Iranian female sex workers: a systematic review and meta-analysis. 19th IUSTI Asia- pacific conference, Japan, 2016.
- Prevalence of hepatitis B Seromarkers and its factors among marriage volunteers in Kerman. The 5th congress of laboratory and clinic. Iran, Tehran, 2014.
- Influenza Epidemiology in the world and Iran, Alzahra Hospital conference, Isfahan, Iran, 2016.
- Helicobacter pylori Epidemiology in the world and Iran, Alzahra Hospital conference, Isfahan, Iran, 2016.
- Assessment of Lifestyle among Iranian Youth (2016), 3rd International and National Congress on Health Education and Promotion, Isfahan, 2017.
- Assessment of High-Risk Behaviors among Iranian Youth (2016), 3rd International and National Congress on Health Education and Promotion, Isfahan, 2017.

B) Poster presentation

1. Modeling HIV modes of transmission in Iran, International congress on HIV/AIDS women and children, Shiraz University of medical sciences, Iran, 2012. (selected as the Best poster).
2. Projection and estimation of HIV infection in Iran using spectrum, International congress on HIV/AIDS women and children, Shiraz University of medical sciences, Iran, 2012.
3. Estimation and projection of AIDS related death in Iran. The 1th International and

- 5th national HIV/AIDS congress, Tehran University of medical sciences, Iran, 2012.
4. Projection and estimation of HIV infection in Iran Using Spectrum. The 1th International and 5th national HIV/AIDS congress, Tehran University of medical sciences, Iran, 2012 (selected as the Best poster).
 5. Projection and estimation of HIV infection among women and children in Iran. The 4th national HIV/AIDS Seminar, Shahid Beheshti University of medical sciences, Iran, 2012.
 6. Modeling HIV modes of transmission in Iran, 17th International Symposium on HI and emerging infectious Disease, France, marseille, 2012.
 7. HIV/AIDS priority in Iran, 6th Epidemiology congress in Iran. Shahrud University of medical sciences, Iran, 2010.
 8. Projection of the new HIV infection in Iran using Modes of Transmission modeling; A way forward for futures studies in controlling this infection, Tehran, Iran, 2013.
 9. Assessment of high-risk behaviors in women with sexually transmitted diseases attending to clinics and hospitals in Iran, 3rd International and National Congress on Health Education and Promotion, Isfahan, 2017.
 10. Gender comparison of the prevalence of non-communicable diseases in hospitalized patients with Covid-19, National Virtual Conference on Covid-19 Research Achievements, Isfahan University of Medical Sciences, 2020.
 11. Evaluation of Vitamin D Levels in Patients with Covid-19 Hospitalized in Isfahan Hospitals and Its Impact on the Disease Process, Virtual National Conference on Covid-19 Research Achievements, Isfahan University of Medical Sciences, 2020.

Teaching

	year	Course	Educational level	Proportion of Teaching
1	2009	Research methodology in health system	BA	30%
2	2009	Geographical Pathology	BA	50%
3	2009	Research methodology in health system	BA	50%
4	2009	Non- communicable disease epidemiology	BA	50%
5	2010	Research methodology in health system	BA	25%
6	2010	Principle of epidemiology	BA	10%
7	2010	Research methodology in health system	BA	30%
8	2010	Principle of epidemiology	BA	50%
9	2011	Principle of epidemiology	BA	100%
10	2011	Principle of epidemiology	BA	100%
11	2011	Evidence based medicine	MPH	15%
12	2011	Demography	MSc	25%
13	2012	Principle of epidemiology	BA	100%
14	2012	Principle of epidemiology	BA	100%
15	2012	HIV epidemiology	PhD	50%
16	2012	Secondary studies	PhD	50%
17	2013	HIV epidemiology	PhD	50%
18	2015	Research methodology in medicine	MSc	100%
19	2015	Geographical Pathology	BA	100%
20	2015	Principle of epidemiology	MSc	50%
21	2015	Family and community epidemiology	PhD	50%
22	2015	Principle of epidemiology	MSc	100%
23	2016	Principle of epidemiology and disease control	MD	100%
24	2016	Principle of epidemiology and disease control	MD	100%
25	2016	Public health and Epidemiology	BA	100%
26	2016	Clinical epidemiology	MSc	100%
27	2016	Communicable disease epidemiology	MSc	50%
28	2016	Principle of epidemiology	BA	100%
29	2016	Principle of epidemiology	BA	100%
30	2016	Principle of epidemiology	BA	100%
31	2016	Research methodology	BA	100%
32	2016	Research methodology in health system	MSc	100%
33	2016	Scientific Inference	PhD	50%
34	2016	Health Index and Health data analysis	BA	100%
35	2016	Principle of epidemiology and disease control	MD	100%
36	2016	Principle of epidemiology and disease control	MD	100%
37	2016	Communicable disease epidemiology	MSc	100%
38	2016	Research methodology	MSc	100%
39	2016	Field epidemiology	MSc	100%
40	2016	Health management epidemiology	MSc	100%
41	2016	Principle of epidemiology	BA	100%
42	2016	Research methodology	MSc	100%
43	2016	Research methodology	MSc	100%
44	2016	Research methodology in health system	BA	100%
45	2017	Principle of epidemiology and disease control	MD	100%
46	2017	Principle of epidemiology and disease control	MD	100%

	year	Course	Educational level	Proportion of Teaching
47	2017	Clinical trial studies	MSc	50%
48	2017	Research methodology	MSc	100%
49	2017	Research methodology	BA	100%
50	2017	Family and community epidemiology	PhD	50%
51	2017	Research methodology	MSc	100%
52	2017	Principle of epidemiology	BA	100%
53	2017	Public health and Epidemiology	BA	100%
54	2017	Principle of epidemiology	MSc	100%
55	2017	Research methodology	BA	100%
56	2017	Research methodology	MSc	100%
57	2017	Research methodology	MSc	100%
58	2017	Research methodology	PhD	50%
59	2017	Principle of epidemiology	BA	100%
60	2017	Disaster epidemiology	PhD	100%
61	2017	Principle of epidemiology	BA	100%
62	2017	Field epidemiology	MSc	100%
63	2017	Health management epidemiology	MSc	100%
64	2018	Clinical epidemiology	MSc	100%
65	2018	Principle of epidemiology and disease control	MD	100%
66	2018	Principle of epidemiology	BA	100%
67	2018	Communicable disease epidemiology	MSc	100%
68	2018	Principle of epidemiology	BA	100%
69	2018	Principle of epidemiology	BA	100%
70	2018	Research methodology	PhD	50%
71	2018	Epidemiology methods	PhD	100%
72	2018	Research methodology	MSc	100%
73	2018	Communicable disease epidemiology	MSc	100%
74	2018	Principle of epidemiology	PhD	100%
75	2018	Epidemiology methods	PhD	100%
76	2018	Health management epidemiology	MSc	100%
77	2018	Clinical epidemiology	MSc	100%
78	2018	Principle of epidemiology	BA	100%
79	2018	Research methodology	MSc	100%
80	2018	Research methodology	MSc	100%
81	2018	Principle of epidemiology	MSc	100%
82	2018	Research methodology	PhD	100%
83	2018	Epidemiology and risk assessments	MSc	100%
84	2018	Research methodology	BA	100%
85	2018	Health data analysis	MSc	100%
86	2018	Research methodology	BA	100%
87	2018	Research methodology	MSc	100%
88	2018	Principle of epidemiology	BA	100%
89	2018	Research methodology	MSc	100%
90	2018	Secondary studies	PhD	100%
91	2018	Disaster Epidemiology	PhD	100%
92	2018	Principle of epidemiology	MSc	100%
93	2019	Clinical Epidemiology	MSc	100%
94	2019	Disaster Epidemiology and Research methodology	PhD	100%

	year	Course	Educational level	Proportion of Teaching
95	2019	Advance Epidemiology	MSc	100%
96	2019	Environment Epidemiology	MSc	100%
97	2019	Communicable Disease Epidemiology	MSc	100%
98	2019	Research methodology	PhD	100%
99	2019	Research methodology in Prosthetics and assistive devices	PhD	100%
100	2019	Research methodology	MSc	100%
101	2019	Research methodology	BA	100%
102	2019	Research methodology	BA	100%
103	2019	Epidemiological methods	MSc	100%
104	2019	Principle of epidemiology	BA	100%
105	2019	Principle of epidemiology	BA	100%
106	2020	Advanced Research methodology	MSc	100%
107	2020	Epidemiological methods	PhD	100%
108	2020	Epidemiology and risk assessment methods	MSc	100%
109	2020	Principle of epidemiology	BA	100%
110	2020	Communicable Disease Epidemiology	MSc	100%
111	2020	Communicable Disease Epidemiology	BA	100%
112	2020	Research methodology	MSc	100%
113	2020	Research methodology	MSc	100%
114	2020	Research methodology	BA	100%
115	2020	Research methodology	BA	100%
116	2020	Principle of epidemiology	BA	100%
117	2020	Principle of epidemiology	BA	100%
118	2020	Principle of epidemiology	BA	100%
119	2020	Principle of epidemiology	MD	100%
120	2021	Statistics and Advanced research methodology	MSc	100%
121	2021	Epidemiological methods	PhD	100%
122	2021	Epidemiology and risk assessment methods	MSc	100%
123	2021	Principle of epidemiology	BA	100%
124	2021	Principle of epidemiology and disease control	BA	100%
125	2021	Communicable disease epidemiology	MSc	100%
126	2021	Research methodology	MSc	100%
127	2021	Statistics and research methodology	MSc	100%
128	2021	Basic epidemiology	PhD	100%
129	2021	Principle of epidemiology	BA	100%
130	2021	Principle of epidemiology	BA	100%
141	2021	Research methodology in medical sciences	MSc	100%
142	2021	Research methodology in nutrition sciences	MSc	100%
143	2021	Principle of epidemiology	BA	100%
144	2021	Case control studies	PhD	100%
145	2021	Clinical Epidemiology	MSc	100%
146	2021	Advanced epidemiology	MSc	100%
147	2021	Advanced epidemiology	PhD	100%
148	2021	Epidemiology and risk assessment methods	MSc	100%
149	2021	Principle of epidemiology	BA	100%
150	2021	Principle of epidemiology	BA	100%
151	2021	Research methodology in medical sciences	MSc	100%
152	2022	Research methodology in medical sciences		

	year	Course	Educational level	Proportion of Teaching
153	2022	Research methodology in health sciences	MSc	100%
154	2022	Research methodology	MSc	100%
155	2022	Case control studies	PhD	100%
156	2022	Clinical Epidemiology	PhD	100%
157	2022	Secondary studies	PhD	100%

Thesis Supervision

	year	Title	level	Role
1	2017	Estimation of the incidence and prevalence of hepatitis C in those who inject drugs using a mathematical model and the application of the model in evaluating the syringe and needle program in Kermanshah, Iran	PhD	Advisor
2	2018	Evaluate the reporting system of sexually transmitted infections care system in Marvdasht, Iran and create a model to accurately estimate the cases of these infections	PhD	Advisor
3	2018	The effect of group discussion training on self-care behaviors of patients with hypertension referred to health centers in Arak, Iran	MSc	Supervisor
4	2018	Estimation of life risk and age-conditional risk of HIV diagnosis in the general population of Iran	MSc	Advisor
5	2019	Estimation of population size of groups with high risk behaviors related to HIV in Isfahan , Iran using network scale up method	MSc	Supervisor
6	2019	Geographical location of injecting drug users and estimating their population in Do-Gonbadan, Iran	MSc	Supervisor
7	2019	Determining the status of marital satisfaction and its related factors in married men and women living in Taft, Iran	MSc	Advisor
8	2019	Evaluation of health literacy level in the field of cervical cancer and some of its related factors in women of reproductive age referring to health centers in Yazd,Iran	MSc	Advisor
9	2019	Investigating the relationship between health literacy of pregnant mothers and prenatal care and its consequences in Yazd, Iran	MSc	Advisor
10	2020	Investigating the factors related to the observance of midwives' rights in Isfahan hospitals	MSc	Advisor
11	2020	Evaluation of syndromic treatment program implementation for women's sexually transmitted infections and its executive barriers in comprehensive health centers of Isfahan	MSc	Advisor
12	2020	Investigation the effects of dry needling in Gluteus medius muscle on pain and physical function in women with unilateral patellofemoral pain syndrome	MSc	Advisor
13	2020	Estimation the prevalence of Genital Wart In Bushehr City, Iran	MSc	Supervisor
14	2020	Improving the HIV-Stigma in the Marginalized Population in Khorramabad, Iran: An Educational Trial Using Role-Playing and Lecturing	MSc	Supervisor
15	2021	Investigating the Relationship between General Health Literacy, AIDS Health Literacy and Attitudes of People Regarding HIV / AIDS Patients in Najafabad	MSc	Supervisor
16	2021	Survey and attitude of nurses and midwives working in hospitals in Yazd regarding HIV / AIDS patients	MSc	Advisor
17	2021	Master's Thesis for Nursing for the Degree of Forensic Midwifery	MSc	Advisor
18	2022	Investigating the relationship between social support and social network in HIV patients and its comparison with the general population in Isfahan: a case-control study	MSc	Supervisor
19	2022	Estimation of Percentage of Social Transparency and Size of Social Network in HIV Patients in Iran	MSc	Supervisor
20	2022	The effect of social network and social support on attitudes and behaviors related to HIV infection in the general population aged 18 to 49 years in Lenjan city	MSc	Supervisor
21	2022	Assessing of corona anxiety and its relationship with job performance of health personnel in Chaharmahal and Bakhtiari province during corona pandemic	MSc	Supervisor
22	2022	Dynamics and branching of infectious disease models	PhD	Advisor

Workshops

Teaching

- EBM (evidence base medicine) Workshop, Kerman University of medical science, 2008,
- Statistic Workshop, Kerman University of medical science, 2009,
- EBM (evidence base medicine) Workshop, Kerman University of medical science, 2009
- Endnote Workshop, Kerman University of medical science, 2010,
- EBM (evidence base medicine) Workshop, Kerman University of medical science, 2011,
- Spectrum software, Kerman University of medical science, 2011, Lecturer
- Direct and Indirect size estimation of hidden population, 4th National Seminar of AIDS, 2012,
- National PMTCT (Prevention of Mother to Child Transmission) workshop for HIV positive women, 2014,
- Spectrum software, Kerman University of medical science, 2014,
- Study design, Kerman University of medical science, 2014,
- Response driven sampling, university of social welfare and rehabilitation sciences, Tehran, Iran, 2014,
- Stata software, Isfahan University of medical sciences, Isfahan, Iran, 2016.
- Endnote software, Isfahan University of medical sciences, Isfahan, Iran, 2016.
- Endnote software, Isfahan University of medical sciences, Isfahan, Iran, 2017.
- Systematic review and meta-analysis, Isfahan University of medical sciences, Isfahan, Iran, 2020.
- Disease Registry, , Isfahan University of medical Sciences, Isfahan, Iran, 2021

Tack parting

- Mental Health in disasters, Borujen, Shahrekord, Iran, January, 2004
- Research Methods, basic, Kerman, Iran, November, 2008
- Research Methods, advanced, Kerman, Iran, December, 2008
- Statistic – Spss, Kerman, Iran, January, 2008
- Critical appraisal of studies-GATE method, Kerman, Iran, March, 2009
- National Courses of GIS/ GPS, Kerman, Iran, May, 2009
- National Courses of STATA, Kerman, Iran, July, 2009
- GIS and Public Health, Kerman, Iran, August, 2009
- Writhing of articles, Kerman, Iran, November, 2009
- National Courses of Systematic Review and Meta-analysis, Kerman, Iran, December, 2009
- Quantification Methods of biases in studies, 6th National Epidemiology Congress, Shahrood, Iran, 2009.
- International Courses of new sampling methods for surveys among populations at increased risk of HIV, Tehran, Iran, 2009

- Advanced statistics and SPSS, Kerman, Iran, 2010
- National Courses of Qualitative Studies, Pasteur Institute, Tehran, Iran, 2010
- Modeling in Economic of health, Kerman, Iran, 2010
- International Courses of population size estimation of hidden population, Kerman, Iran, 2010
- International Courses of Sampling method and analysis for survey among populations at high risk of HIV, Tehran, Iran, November, 2011
- Modeling in health, Tehran University of medical sciences, Tehran, Iran, 2011
- Modeling in health, Kerman University of medical sciences, Kerman, Iran, 2011
- Qualitative Studies and analysis, Pasteur Institute, Iran, 2011
- Economical assessment of health interventions, Kerman University of medical sciences, Kerman, Iran, 2011
- How to design a questioner, Kerman University of medical sciences, Kerman, Iran, 2011
- Factorial Analysis , Kerman University of medical sciences, Kerman, Iran, 2011
- Dynamic modeling of disease, Kerman University of medical sciences, Kerman, Iran, 2012
- International Courses of HIV/AIDS surveillance system and case registry, Tehran, Iran, 2012
- Time series Analysis, Kerman, Iran, 2013
- International Courses of HIV/AIDS estimation, UNAIDS, Egypt, 2013
- Social Determinants of Health workshop, 3rd International and National Congress on Health Education and Promotion, Isfahan, 2017.
- Science Meeting Reports, Isfahan University of medical Sciences, Isfahan, Iran, 2019
- Disease Registry, , Isfahan University of medical Sciences, Isfahan, Iran, 2020
- Ethical considerations in online research, Virtual University of Medical Sciences, Tehran, 2021.

Other scientific activities

- Member of Research Center for Modeling in health, Kerman University of medical sciences since 2011.
- Member of WHO collaborating center, and regional knowledge Hub for HIV surveillance since 2008.
- Collaborating with AIDS and STI office, CDC, Ministry of health and medical education since 2008.
- Work with UNAIDS office and Ministry of Health in Iran since 2008.
- Member of Infectious and tropical disease research center, Isfahan University of Medical Sciences since 2016.
- Member of the Research Council of the Faculty, Health School, Isfahan University of Medical Sciences, 2017.
- Member of Editorial Board of Iranian Journal of Nursing and Midwifery Research since 2016.
- Member of Editorial Board of Arya Atherosclerosis journal since 2020.