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## Armita Shahesmaeili

*Associate Professor of Epidemiology*

*Kerman University of Medical Sciences*

### EDUCATION

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Institution	Degree	Year	Field of study	Thesis title
Kerman University of Medical Sciences, School of Medicine, Kerman, Iran	M.D.	2007	Medicine	The relationship between opium consumption and severity of coronary artery lesions
Shahid Beheshti University of Medical Sciences, School of Public Health, Department of Epidemiology, Tehran, Iran	PhD.	2015	Epidemiology	The social network analysis of people who inject drugs and assessing the relationship between network measures and risky behaviors

### POSITIONS

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Principal positions held	Institution	Year
Associate Professor of Epidemiology	School of Public Health, Department of Biostatistics and Epidemiology, Kerman University of Medical Sciences, Kerman, Iran.	2021-present
Assistant Professor of Epidemiology	School of Public Health, Department of Biostatistics and Epidemiology, Kerman University of Medical Sciences, Kerman, Iran.	2015-2021
Project manager	HIV/STI Surveillance Research Center, and WHO Collaborating Center for HIV Surveillance, Institute for Futures Studies in Health Kerman University of Medical Sciences, Kerman, Iran.	2010-present
Other positions held concurrently	Institution	Year
Head	Student research committee, School of public health, Kerman University of Medical Sciences, Kerman, Iran	2014-2017
Research specialist	Clinical Research Department, Kerman University of medical sciences, Kerman, Iran	2007-2010

Research Consultant /Member	Gastroenterology and hepatology research center, Kerman University of Medical Sciences, Kerman, Iran	2014-2021
Research Consultant /Member	Hydatid research center, Kerman University of Medical Sciences, Kerman, Iran	2014-2015
Member	Basic science exam board in south-east region , Iran	2014
Member	pre-internship exam board in south-east region, Iran	2014
Research Consultant /Member	Physiology research center, Kerman University of Medical Sciences, Kerman, Iran	2012-2021
Editor in chief	Pooyandegan scientific journal, Kerman University of Medical Sciences, Kerman, Iran	2004-2007

## HONORS AND AWARDS

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2018	Active researcher award	Kerman University of Medical Sciences, Kerman, Iran.
2017	Scholarship	International Traineeships in AIDS Prevention Studies, San Francisco, USA
2016	Scholarship	17 <sup>th</sup> Union against Sexually Transmitted Infections world congress, Marrakech, Morocco
2015	EZAMA Diploma of honor	9 <sup>th</sup> international congress on addiction science, Sep 2015, Tehran, Iran
2014	Scholarship	25th international summer school of epidemiology, Ulm, Germany
2014	Best posters award	8 <sup>th</sup> international congress on addiction science, Sep 2014, Tehran, Iran
2011	Distinct student award	Shahid Beheshti University of Medical Sciences, School of Public Health, Tehran, Iran
2010	Scholarship	Facility based HIV surveillance international course, HIV/STI Surveillance Research Center, Tehran Iran.
2010	Scholarship	Population size estimation international course, HIV/STI Surveillance Research Center, Kerman, Iran.
2007	Best oral presentation	4 <sup>th</sup> Collegiate Seminar of Medical Universities of Iran
1999	Best innovation award	Student corner of 12 <sup>th</sup> the International Khwarizmi Festival, Tehran, Iran
1999	Best researcher award	Student corner of 4 <sup>th</sup> Research festival of Kerman Province, Kerman, Iran

## KEYWORDS/AREAS OF INTEREST

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Epidemiology and Biostatistics , Clinical Epidemiology, Disease Risk Factors, HIV/AIDS , Sexually Transmitted Infections, viral hepatitis , Behavioral Risk Factors, Injecting Drug Use, Cancer Risk Factor, Cancer Screening, Cancer Epidemiology, Surveillance, Public Health Surveillance, Behavioral Studies, Population Size Estimation, Public Health, Epidemiology Training, Social determinants of health, Social and Risk Networks, .

## SERVICE TO PROFESSIONAL PUBLICATIONS

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2018-Present	Referee	Strides in development of medical education
2014-present	Referee	Journal of health and development
010-present	Ad hoc referee	PLOS ONE , Sexually Transmitted Infections , Asian Pacific Journal of Cancer Prevention, Addiction Research & Theory, International Journal of High Risk Behaviors and Addiction, Archives of Trauma Research , Iranian Red Crescent Medical Journal , Iranian Journal of Epidemiology , Journal of Health And Biomedical Informatics, Afzalipour Journal of Clinical Research, Journal of Kerman University of Medical Sciences

## INVITED PRESENTATIONS

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Year	Title	Event
2021	HIV pattern and cascade of care among incarcerated people in Iran: Findings of three consecutive national bio-behavioral surveillance surveys	11th IAS Conference on HIV Science(virtual)
2020	Barriers and motivators to participation and retention in HIV/HCV cohort studies among people who inject drugs: A community consultation in Iran	23th international AIDS congress, July 2020(virtual)
2020	Prevalence of depression among Iranian Patients with Beta-Thalassemia Major: A systematic review and meta-analysis	Oral, Third International Congress on Psychological and Educational Sciences, Tehran, Iran(virtual)
2020	Prevalence of depression in third trimester among pregnant women refer to Kerman medical university health care centers	Oral, Women reproductive health congress, Jiroft, Iran(virtual)
2019	Correlates of sexually transmitted infections symptoms among male prisoners in Iran, 2013: a nation-wide survey	Oral, STI & HIV 2019 world congress, Vancouver, Canada
2018	Transition from first drug use to regular injection among people who inject drugs in Iran	Oral, 12 <sup>nd</sup> international congress on addiction science, Tehran, Iran

2018	Childhood maltreatment: a potential risk factor of methamphetamine use in people who inject drugs	Poster, 12 <sup>nd</sup> international congress on addiction science, Tehran, Iran
2016	Syndromic versus laboratory based diagnosis of five sexually transmitted infections in female sex workers in Iran	Oral, 17 <sup>th</sup> IUSTI world congress, Morocco
2016	Unprotected sex of male people who inject drugs with multiple sexual partners in Iran.	Oral, 10 <sup>th</sup> international congress on addiction science, Tehran, Iran
2015	The pattern and correlates of injecting drug use among FSWs in Iran.	Oral, 2 <sup>nd</sup> international congress on HIV/AIDS women and children, Shiraz, Iran
2015	A potential bridge for HIV transmission: characteristics of sexual partner and condom use among PWIDs & their main sexual partners	Oral, 9 <sup>th</sup> international congress on addiction science, Tehran, Iran
2014	Network location as the main predictor of HIV transmission risk in injecting drug users, results from multiple membership multilevel modeling of social networks	Oral, 8 <sup>th</sup> international congress on addiction science, Tehran, Iran
2014	Developing a brief scale to measure HIV transmission risk among injecting drug users	Poster, 8 <sup>th</sup> international congress on addiction science, Tehran, Iran
2014	The prediction of new cases of HIV infection using Mode Of Transmission Model-A way toward future studies to control the infection	Poster, 2 <sup>nd</sup> national future studies congress, Tehran, Iran
2013	Opium addiction and bladder cancer: A meta-analysis	Poster, 7 <sup>th</sup> Iranian Congress of epidemiology, Yasooj, Iran
2009	Opium addiction and severity of coronary artery disease; A case-control study	Oral, 4 <sup>th</sup> congress of student's research, Kerman University of Medical sciences, Kerman, Iran
2007	The relationship between opium addiction and thrombosis of deep vein	Oral, 4 <sup>th</sup> Collegiate Seminar of Medical Universities of Iran. Fasa, Iran.
2007	Partial sciatic nerve ligation increases the visceral pain responsiveness in female mice	Oral, The National Research Seminar of Medical Students, Tabriz, Iran.
2003	Comparison of Analgesic Response to Morphine After Ovario-hysterectomy in Morphine Dependent and Non-dependent Rats	Oral, 4 <sup>th</sup> annual research seminar of Medical students. Hamadan University of Medical Sciences. Hamadan, Iran.
1999	Designing and construction of Stainer robot for animal tissues	Design, The student corner of 12 <sup>th</sup> International Khwarizmi Festival. Tehran, Iran.

## TEACHING EXPERIENCES

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### Teaching of academic Courses

2014-present	PhD students	Clinical epidemiology, Epidemiology principles, Case-control studies, Cohort studies, Ecologic studies, HIV/AIDS epidemiology
2013-present	MSc students	Systematic review and meta-analysis, Research methods, Principles of epidemiology, Epidemiology methods, Communicable disease epidemiology, Social epidemiology
2008-present	BSc students	Public health, epidemiology principles

### Teaching in workshops

Lecturer and Facilitator of more than 60 national/local workshops including:

2004-present	Systematic review and meta-analysis Scientific writing Hospital infections control Respondent driven sampling Social network analysis Research methods
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## INTERNATIONAL RESEARCH AWARD

Year	Title	Role	Funder	Amount
2015	Designing and pilot testing methods for a cohort study of people who inject drugs for future HIV and HCV prevention research in Iran	Co-Investigator Mirzazadeh (PI)	Pilot Award Program in HIV/AIDS, Center for AIDS Research, UCSF, USA	\$ 40,000

## PUBLICATIONS

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### Research articles

1. **Shahesmaeili**, A., Karamouzian, M., Tavakoli, F. et al. HIV prevalence and continuum of care among incarcerated people in Iran from 2010 to 2017. Harm Reduct J 19, 93 (2022). <https://doi.org/10.1186/s12954-022-00675-9>
2. Mahmoodzadeh S, Jahani Y, Najafipour H, Sanjari M, Shadkam-Farokhi M, **Shahesmaeili A**. External Validation of Finnish Diabetes Risk Score and Australian Diabetes Risk Assessment Tool Prediction Models to Identify People with Undiagnosed Type 2 Diabetes: A Cross-Sectional Study in Iran. Int J Endocrinol Metab. 2022; 20(4):[e127114](https://doi.org/10.5812/ijem-127114). doi: 10.5812/ijem-127114.

3. Veisi N, Sharifi H, **Shahesmaeili A**, Ghaderi E, Rahmati S. An explanation of the 15-year trend and investigation of the tuberculosis cascade in Kurdistan province. *Journal of Clinical Tuberculosis and Other Mycobacterial Diseases*. 2022;28:. <https://doi.org/10.1016/j.jctube.2022.100323>.
4. Mohammad H, Samaei MR, **Shahesmaeili A**, Martínez S, Hoda A. "Using biomonitoring as a complementary approach in BTEX exposure assessment in the general population and occupational settings: a systematic review and meta-analysis" *Reviews on Environmental Health*, 2022. <https://doi.org/10.1515/reveh-2022-0042>
5. Setayesh M, Karimi M, Zargarani A, Abousaidi H, **Shahesmaeili A**, Amiri F, et al. Efficacy of a Persian herbal medicine compound on coronavirus disease 2019 (COVID-19): a randomized clinical trial. *Integrative Medicine Research*. 2022;100869. <https://doi.org/10.1016/j.imr.2022.100869>
6. Heydari F, **Shahesmaeili A**, Eslami Shahrababaki M. Comparison of Personality Types and Alexithymia between Opiates Dependents, Concurrent Opiates and Methamphetamine Users and Control Group Referred to Drug Abuse Treatment Centers in Kerman City in 2020. *irje* 2022; 18 (1) :69-78. <http://irje.tums.ac.ir/article-1-6707-en.html>
7. Ghasemirad H, Bazargan N, **Shahesmaeili A**, Harandi MF. Echinococcosis in immunocompromised patients: A systematic review. *Acta Tropica*. 2022;**232**:106490. doi:<https://doi.org/10.1016/j.actatropica.2022.106490>.
8. Jamalizadeh H, Ahmadi B, Shariffar F, Ansari M, Setayesh M, **Shahesmaeili A**, et al. Clinical evaluation of the effect of Zataria multiflora Boiss and Trachyspermum copticum (L.) on the patients with irritable bowel syndrome. *EXPLORE*. 2022;18(3):342-6. <https://doi.org/10.1016/j.explore.2021.12.004>.
9. Jangipour Afshar P . Bahrampour A, **Shahesmaeili A**. Determination of the trend of incidence of cutaneous leishmaniasis in Kerman province 2014-2020 and forecasting until 2023. *PLoS Negl Trop Dis* 16(4): e0010250. <https://doi.org/10.1371/journal.pntd.0010250>
10. Rahmati S, Bahrampour A, Nasehi M, Mirzazadeh A, Ghaderi H, **Shahesmaeili A**. An Evaluation of The Diagnostic Value of Sputum Smears Microscopy and Pcr Relative to Sputum Culture in The Diagnosis of Pulmonary Tuberculosis: A Systematic Review and Meta-Analysis in Iran. *Med J Islam Repub Iran*. 2022;2022(27):112. <https://doi.org/10.47176/mjiri.36.112>
11. Jangipour Afshar P, Najafipour H, Shadkam Farokhi M, **Shahesmaeili A**. How much excess body weight, blood pressure, triglyceride, or age can double the likelihood of diabetes type 2? *Iran J Public Health*. 2022;51(4):939-945. doi: [10.18502/ijph.v51i4.9256](https://doi.org/10.18502/ijph.v51i4.9256)
12. Mirzazadeh A, Hosseini-Hooshyar S, **Shahesmaeili A**, et al. An on-site community-based model for hepatitis C screening, diagnosis, and treatment among people who inject drugs in Kerman, Iran: The Rostam study. *International Journal of Drug Policy*. 102, 2022. [10.1016/j.drugpo.2022.103580](https://doi.org/10.1016/j.drugpo.2022.103580)
13. Karbassi E, Amiri-Ardekani E, Farsinezhad A, **Shahesmaeili A**, et al. The Efficacy of Kohl (Surma) and Erythromycin in Treatment of Blepharitis: An Open-Label Clinical Trial. *Evidence-Based Complementary and Alternative Medicine*. 2022. <https://doi.org/10.1155/2022/6235857>
14. Mansouri G, Safinataj M, **Shahesmaeili A**, Allahqoli L, Salehiniya H, Alkatout I. Effect of laparoscopic cystectomy on ovarian reserve in patients with ovarian cyst. *Front Endocrinol (Lausanne)*. 2022 Aug 30;13:964229. doi: [10.3389/fendo.2022.964229](https://doi.org/10.3389/fendo.2022.964229).

15. Jaafari Z, Sadidi N, Abdolahinia Z, **Shahesmaeili A**. Prevalence of depression among Iranian patients with Beta-Thalassemia Major: A Systematic Review and Meta-Analysis. *IJMS*.2022; 47(1): 15–24. [10.30476/ijms.2020.85941.1557](https://doi.org/10.30476/ijms.2020.85941.1557)
16. Torkian S, Malek Mohammadi N, Mohammadizadeh M, **Shahesmaeili A**. Virtual Social Networks Addiction and High-Risk Group among Health Science Students in Iran: A Latent Class Analysis. *Iran J Health Sci*. 2022;10 (1) :1-9.URL: <http://jhs.mazums.ac.ir/article-1-773-en.html>
17. Tavakoli, F., Haghdoost, A.A., **Shahesmaeili, A**. et al. Frequency, correlates and consequences of early sexual intercourse among Iranian men who inject drugs. *Sexuality & Culture* 26, 750–761 (2022). <https://doi.org/10.1007/s12119-021-09910-0>
18. Bagheri MM, Sadegh Zarandi F, Kamiab Z, **Shahesmaeili A**. Sensitivity and Specificity of Cardiomegaly according to Chest X-ray Indices in the Diagnosis of Congenital Heart Disease in Infants. *Journal of Kerman University of Medical Sciences* 2022; 29(3): 274-280. [doi: 10.22062/JKMU.2022.91951](https://doi.org/10.22062/JKMU.2022.91951)
19. Ahmadinejad M, Amiri Moghaddam M, **Shahesmaeili A**, Mayel M. Two Supportive Methods on Outcome of Patients with Chest Trauma. *Arch Pharm Pract*. 2022;13(2):57-61.<https://doi.org/10.51847/aKTe52dkSK>
20. Rouhi V, Jahani Y, Malekpoor R, **Shahesmaeili A**. Estimation of thyroid cancer incidence in Kerman, Iran through the three source capture-recapture method, 2008-2015. *IJBC*. 2021; 13 (3) :78-84.URL: <http://ijbc.ir/article-1-1065-en.html>
21. **Shahesmaeili, A.**, Hosseini-Hooshyar, S., Fallahi, H. et al. Inconsistent Condom Use among Non-Medical University Students in Iran. *Sexuality & Culture* .2021; 25: 1895–1909. [10.1007/s12119-021-09852-7](https://doi.org/10.1007/s12119-021-09852-7)
22. Abdolahinia Z, Pyazdaniakmanesh H, Mirzaee M, Bazrafshan A, Shafiei Bafti M, **Shahesmaeili A**. Opium and Cigarette Smoking are Independently Associated with Bladder Cancer: The Findings of a Matched Case - Control Study. *Asian Pac J Cancer Prev*. 2021 Oct 1; 22(10):3385-3391. [10.31557/apjcp.2021.22.10.3385](https://doi.org/10.31557/apjcp.2021.22.10.3385)
23. **Shahesmaeili A**, Shokoohi M, Tavakoli F , Rabiee MH , Kamali K, Haghdoost AA, Karamouzian M, Sharifi H. Prevalence of Symptom-based Sexually Transmitted Infections and Related Factors among Male prisoners in Iran, 2013. *MJIRI*10.47176/mjiri.35.185 [10.47176/mjiri.35.185](https://doi.org/10.47176/mjiri.35.185)
24. Jangipour Afshar P., Salehinejad S., and **Shahesmaeili A**. Levels of leptin and adiponectin after initiation of methadone maintenance treatment: A systematic review and meta-analysis. *Heroin Addiction And Related Clinical Problems*.(A head of print). <https://www.heroinaddictionrelatedclinicalproblems.org/harcp-archives-doi-articles.php>
25. Jamalizadeh H, Ahmadi B, Shariffar F, Ansari M, Setayesh M, **Shahesmaeili A**, Tajadini H,. Clinical evaluation of the effect of Zataria multiflora Boiss and Trachyspermum copticum (L.) on the patients with irritable bowel syndrome. *EXPLORE*. 2021. <https://doi.org/10.1016/j.explore.2021.12.004>
26. Malekpoorafshar M; Salehinejad P; Pouya, F; Khezri Moghadam N; **Shahesmaeili A**. A Shift Toward Childbearing in One-Child Families Through a Mindfulness-Based Stress Reduction Program: A

- Randomized Controlled Trial. Journal of Family & Reproductive Health. 2021; 15 (1):19-27. [10.18502/jfrh.v15i1.6070](https://doi.org/10.18502/jfrh.v15i1.6070)
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  28. Mehmandoost S, Mirzazadeh A, Zarei J, Iranpour A, Mousavian G, Khezri M, Ardalan G, **Shahesmaeili A**, Sharifi H. Sex out of marriage and condom use among homeless youth in Iran. Public Health. 2021;194:116-20. [10.1016/j.puhe.2021.02.021](https://doi.org/10.1016/j.puhe.2021.02.021)
  29. Yazdani R, Marefati H, **Shahesmaeili A**, et al. The Effect of Uphill and Downhill Aerobic Exercises on Serum Apolipoprotein A1 and Apolipoprotein B Levels and their Ratio in Patients with Chronic Obstructive Pulmonary Disease. Current Respiratory Medicine Reviews. 2021;17(3):160-163. [10.2174/1573398x17666210831160728](https://doi.org/10.2174/1573398x17666210831160728)
  30. Aryaie M, Khorame Z, **Shahesmaeili A**, Sharifi H. The Prevalence of Cigarette Smoking in Iranian Adolescents and Young Adults: A Systematic Review and Meta-Analysis. Eastern Mediterranean Health Journal. 2021;27(6): 612-628. [10.26719/emhj.21.018](https://doi.org/10.26719/emhj.21.018)
  31. Khezri M, Mirzazadeh A, McFarland W, Iranpour A, **Shahesmaeili A**, Zarei J, et al. Prevalence of substance use and associated risk factors among homeless youth in Iran: a cross-sectional study. Children and Youth Services Review. 2020;116. 105070. [10.1016/j.childyouth.2020.105070](https://doi.org/10.1016/j.childyouth.2020.105070)
  32. Shoraka, H., Abobakri, O., Naghibzade Tahami, A., Mollaei, H., Bagherinajad, Z., Malekpour Afshar, R., **Shahesmaeili, A**. Prevalence of JC and BK viruses in Patients with Colorectal Cancer: A Systematic Review and Meta- Analysis. Asian Pacific Journal of Cancer Prevention, 2020; 21(6): 1499-1509. [10.31557/apjcp.2020.21.6.1499](https://doi.org/10.31557/apjcp.2020.21.6.1499)
  33. Nakhaeizadeh, M., Abdolahinia, Z., Sharifi, H. Mirzazadeh A, Haghdoost AA, Shokoohi M, Bara SI, Karamouzian M, **Shahesmaeili A**. Opioid agonist therapy uptake among people who inject drugs: the findings of two consecutive bio-behavioral surveillance surveys in Iran. Harm Reduct J. 2020; 17(1):1-8 <https://doi.org/10.1186/s12954-020-00392-1>
  34. Mirzazadeh, A., Hosseini-Hooshyar, S., **Shahesmaeili, A**. et al. Barriers and motivators to participation and retention in HIV/HCV cohort studies among people who inject drugs: a community consultation in Iran. Subst Abuse Treat Prev Policy 15, 56 (2020). <https://doi.org/10.1186/s13011-020-00298-y>
  35. Vahdat M, Mansouri G, Kashanian M, Mirzaei H, Saadat Mostafavi SR, **Shahesmaeili A**. One-Step Resection Via Hysteroscopic Myomectomy and Prostaglandin F 2 Alpha for Large Submucosal Myoma. The Journal of Minimally Invasive Gynecology. 2020;27(4): 826-831. [10.1016/j.jmig.2019.05.026](https://doi.org/10.1016/j.jmig.2019.05.026)
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  37. Shahvali S, Shahesmaeili A, Sanjari M, Karami-Mohajeri S. The correlation between blood oxidative stress and sialic acid content in diabetic patients with nephropathy, hypertension, and hyperlipidemia. Diabetol Int (2020) 11: 19-26. [10.1016/j.psep.2019.12.004](https://doi.org/10.1016/j.psep.2019.12.004)



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39. Malakootian M, **Shahesmaeili A**, Faraji M, Amiri H, Martinez S. Advanced oxidation processes for the removal of organophosphorus pesticides in aqueous matrices: A systematic review and meta-analysis. *Process Safety and Environmental Protection*.2019. [10.1016/j.psep.2019.12.004](https://doi.org/10.1016/j.psep.2019.12.004)
40. Jorjoran Shushtari Z, Hosseini SA, Sajjadi H, Salimi Y, **Shahesmaeili A**, Snijders TAB. HIV risk perception and sexual behaviors among female sex workers in Tehran, Iran. *Med J Islam Repub Iran*. 2019; 33:101. Published 2019 Sep 25. [doi:10.34171/mjiri.33.101](https://doi.org/10.34171/mjiri.33.101)
41. Esmaeili A, Shokoohi M, Danesh A, Sharifi H, Karamouzian M, Haghdoost A, **Shahesmaeili A**, Akbarpour S, Morris MD, Mirzazadeh A. Dual Unsafe Injection and Sexual Behaviors for HIV Infection Among People Who Inject Drugs in Iran. *AIDS and Behavior*. 2019: 23 (6), 1594-1603. [10.1007/s10461-018-2345-5](https://doi.org/10.1007/s10461-018-2345-5)
42. Khalilzadeh Ganjalikhani M, Tirgari B, Roudi Rashtabadi M, **Shahesmaeili A**. Studying the effect of structured ostomy care training on quality of life and anxiety of patients with permanent ostomy. *International wound journal*; 2019.16(6): 1383-1390 [10.1111/iwj.13201](https://doi.org/10.1111/iwj.13201)
43. Pakmanesh H, Daneshpajooh A, Mirzaei M, **Shahesmaeili A**, Hashemian M, Alinejad M, et al.I. Amplatz versus Balloon for Tract Dilation in Ultrasonographically Guided Percutaneous Nephrolithotomy; a Randomized Clinical Trial. *BioMed Research International*. 2019;;3428123. <https://doi.org/10.1155/2019/3428123>.
44. Rezapour M, **Shahesmaeili A**, Hossinzadeh A, Zahedi R, Najafipour H, Gozashti MH.. Comparison of Lipid Ratios to Identify Metabolic Syndrome. *Arch Iran Med*. 2018; 21(12): 572-77. [30634854](https://doi.org/10.30634854)
45. Yazdani R, Marefati H, **Shahesmaeili A**, Nakhaei S, Bagheri A, Dastoorpoor M.. Effect of Aerobic Exercises on Serum Levels of Apolipoprotein A1 and Apolipoprotein B, and Their Ratio in Patients with Chronic Obstructive Pulmonary Disease . *Tanaffos* 2018; 17(2): 82-89 . [30627178](https://doi.org/10.30627178)
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48. **Shahesmaeili A**, Mirzazadeh A, McFarland W, Sharifi H, Haghdoost AA, Soori H. Syringe sharing in drug injecting dyads: a cross-classified multilevel analysis of social networks. *AIDS and Behavior*. 2018 Jul; 22(Suppl 1): 10–18. [10.1007/s10461-018-2144-z](https://doi.org/10.1007/s10461-018-2144-z)
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50. Shushtari ZJ, Hosseini S, Sajjadi H, Salimi Y, **Shahesmaeili A**, Snijders T. Safe sex norm questionnaire for female sex workers: development and validation study in Iran. *Public health*. 2018;164:82-90. [10.1016/j.puhe.2018.07.023](https://doi.org/10.1016/j.puhe.2018.07.023)

51. Karamoozian A, Jahani Y, **Shahesmaeili A**, Mirzaee M. Relationship between a network's indicators and basic factors with high-risk behavior of injection among injecting drug users (IDU) via the multiple membership multilevel model. *Electronic physician* 2017;9(9):5318. [10.19082/5318](#)
52. Karamouzian M, **Shahesmaeili A**, Khajehkazemi R, Hooshyar SH, Fallahi H, Haghdooost AA, et al. Awareness of and knowledge about STIs among nonmedical students in Iran. *International perspectives on sexual and reproductive health*. 2017;43(1):21-8. [10.1363/43e3217](#)
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#### Books

2020	Co-Author	Coronavirus epidemiology and prevention(COVID-19)
2014	Co-Author	Epidemiology textbook of prevalent diseases in Iran,Volume3: Cervical cancer epidemiology
2009	Co-Author	HIV/AIDS Surveillance among most-at-risk populations; Introduction to HIV/AIDS and sexually transmitted infection surveillance for the Eastern Mediterranean and north Africa region
2009	First Author	Guidelines of writing dissertation for medical students

#### RESEARCH PROJECTS /THESIS

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##### Selected Research projects since 2015

Year	Role	Title
2021	Co-investigator	Serum Level of Plasminogen, Von Willebrand Factor Antigen, Surfactant B and D in Patients with COVID-19 Admitted to Afzalipour Hospital in Kerman, 2020-2021
2020	Co-investigator	Evaluating the efficacy of Iranian traditional medicine herbal products (capsule) in COVID-19 patients in a clinical trial
2020	Co-investigator	The effects of talidomide and low dose cortocosteroide in hospitalized COVID-19 paitent in afzalipour hospital in 2020
2020	Co-investigator	Modeling the Covid-19 Epidemic in Iran
2020	Co-investigator	Evaluating efficacy of oral medium-chain triglyceride (MCT) on prognosis and outcome of outpatients suspected COVID-19
2020	Co-investigator	Methadone Maintenance Treatment and Body Mass Index: A systematic review and meta-analysis
2019	Co-investigator	JC virus and colorectal cancer: A systematic review and meta-analysis

2019	Principal investigator	A systematic review and meta-regression of the prevalence of Human Cytomegalovirus (HCMV) in patients with malignant gliomas
2019	Co-investigator	Prevalence of cigarette smoking among Iranian youth: : A systematic review and meta-analysis
2017	Co-investigator	Evaluation of the effectiveness of 3-month HCV treatment with new DAA (direct acting antiviral) drugs in HCV positive injection drug users in city of Kerman 2018
2017	Co-investigator	Prevalence of HIV and HCV infection, high risk behaviors and access to preventive and therapeutic services in people who injected drugs in Kerman in 2018(Cross sectional study)
2017	Principal investigator	An investigation in knowledge, attitude and performance of students of Kerman University of Medical Sciences about the use of industrial drugs(Misuse of Stimulant Medication) in 1397
2017	Principal investigator	Relationship between the type of delivery and postpartum depression in women referring to health centers of Kerman University of Medical Sciences in 1396
2017	Principal investigator	The prevalence of addiction to social networking sites in Kerman University of Medical Sciences in 1396
2016	Co-investigator	Study of Epidemiology & Risk Factors of lung cancer in the Kerman city ,since2009 to 2016
2015	Co-investigator	Designing a pilot testing of a cohort study for prevention of HIV and HCV among people who inject drugs

#### **Thesis supervised / advised since 2015**

<b>Year</b>	<b>Role</b>	<b>Title</b>
2022	PhD Supervisor	Future study of illicit drug use in Iran
2022	MSc Supervisor	Barriers and Attitudes toward childbearing among married women in Jiroft, Iran
2021	PhD supervisor	Tuberculosis cascade of care and related gaps in Iran
2020	MSc Supervisor	Developing a clinical prediction model for diagnosis of undiagnosed diabetes.
2019	MSc Supervisor	Partial and complete prevalence of bladder cancer and related risk factors: cross-sectional and matched case-control study

2018	PhD Advisor	Formulation and evaluation of physicochemical properties and clinical effects of the standardized hydro-alcoholic extract of <i>Zataria multiflora</i> Boiss. and capsul of <i>Glycine max</i> L. in mild to moderate alzheimer's disease: (AD): a randomized double-blind placebo controlled trial
2018	PhD Advisor	Formulation, physicochemical properties and clinical effects of the standard hydroalcoholic extract of <i>Myrtus communis</i> L. in mild to moderate alzheimer's disease (AD): a randomized double-blind placebo trial
2018	MSc Advisor	The Effect of Educational Intervention Based on Social Cognitive Theory on the Rate of smokeless tobacco in Southern Southeastern School Students (Konarak and Chabahr) in the academic year 1396-1395
2018	PhD Advisor	Introducing herbal plants and preparations for treatment of oral and dental diseases in view of traditional Persian medicine and systematic review of related evidences in allopathic medicine
2018	M.D. Advisor	5 year overall survival of patients with muscle invasive transitional cell bladder tumors in Bamonar and Shafa hospitals in Kerman, 1383-1393
2018	MSc Supervisor	Estimation of the incidence and trend of thyroid cancer in Kerman province based on population records for the period from 2008 to 2015
2017	MSc Advisor	The Combined effects of sound pressure level, heat, light and shift work on cognitive performance of drivers in Barez Tires Company of Kerman in 2018 year
2017	M.D. Advisor	Comparison of the frequency of superficial recurrence of bladder cancer in patients with and without drug use in patients admitted for treating bladder tumors in Bamonar Hospital in 97-96
2017	Ph.D. Advisor	Evaluation of the frequency of semen analysis disorders referring to Kerman labs from 2006 to 2016
2017	M.D. Advisor	Evaluation of morphology and immunohistochemistry of lymphocyte infiltration in bone marrow samples at Shahid Bamonar Hospital in Kerman between 2014-2018
2017	Ph.D. Advisor	Effect of Observing Nutrition Principles of Traditional Iranian medicine in eating on some Blood Biochemical Factors in Blood Serum of Students Residing in Dormitories of Kerman University of Medical Sciences
2017	MSc. Advisor	Effect of "mindfulness - based stress reduction" approach on anxiety level of pregnancy in one- child women in Sirjan , 2017
2017	MSc. Advisor	The effect of Mindfulness Based Stress Reduction (MBSR) on fear of the childbirth in one- child women in Kerman, 2017.

2017	M.D. Advisor	To evaluate the knowledge of diabetic patients about effective tools in reducing the pressure in the treatment and prevention of diabetic foot ulcers d to the clinic in ۲۰۱۶
2017	M.D. Advisor	Estimation of Brain Tumor Incidence in Kerman Province by Capture-Recapture Method Using Population-Based Cancer Registry Data in 2014.
2016	MSc. Advisor	Study of occupational fatigue among nurses working in hospitals affiliated with Kerman University of Medical Sciences using Swedish Occupational Fatigue Inventory (SOFI-20) in 2017
2016	M.D. Advisor	Evaluation the effect of aerobic training on the Apolipoprotein A-1/ Apolipoprotein B ratio and quality of life in COPD patients in Kerman
2016	MSc. Supervisor	Quantitative and qualitative factors related to knowledge, attitude and practice of hospital staff by occupational exposure to HIV, HBV and HCV in Afzalipour hospital of Kerman in year 1394
2016	MSc. Supervisor	Investigating the level of health literacy and related factors in afghan refugees in Kerman city in 2016
2015	MSc. Advisor	Studying the relationship between network location and high risk behavior among people who inject drug using multiple membership regression
2015	MSc. Advisor	Knowledge of medical science students on sexually transmitted infections, Kerman, Iran
2015	PhD. Advisor	Social network analysis of female sex workers in Tehran, Iran

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#### CLINICAL PRACTICES

- Visiting of patients in variety of general clinics in Kerman, Iran as general practitioner
- Visiting and treatment of drug addicted patients in methadone maintenance therapy clinic in Tehran, Iran

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#### SKILLS

- Expert in using statistical software and programming with SPSS , Stata ,UCINET and NETDRAW
- Expert in using advance functions in Endnote, MS-Word, MS-Excel, MS-PowerPoint and MS-Publisher.

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#### LANGUAGES

- Farsi (Mother tongue)
- English (fluent)
- German (B2 level)