

CURRICULUM VITAE

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Educations

Ph.D, Health Economics, Department of Health Management and Economics, School of Public Health, Tehran University of Medical Sciences (TUMS), Tehran, Iran 2011-2016, GPA: 18.37/20
Thesis: Analysis of Economic Behavior of General Physicians Based on Target Income Model, **Supervisor**: Prof. Arash Rashidian (TUMS)

MS, Health Economics, Department of Healthcare Management, School of Management & Information Sciences, Shiraz University of Medical Sciences, Shiraz, Iran 2009-2011, GPA: 18.38/20
Thesis: Study of Factors Affecting the Life Expectancy in Two Regions of World Health Organization (Eastern Mediterranean and Western Pacific Regions) 1995-2007: A Panel Data Analysis, **Supervisor**: Prof. Reza Akbarian (Shiraz University)

BS, Healthcare Management, Department of Healthcare Management, School of Public Health, Shiraz University of Medical Sciences, Shiraz, Iran 2005-2009, GPA: 18.21/20
Project: Optimization the Number of Nurses in the Emergency Department of Ali-Aghar Hospital Using Linear Programming Technique

Research Interests

- Health Economics
 - Health Econometrics
 - Human Resources for Health
 - Labor Economics
 - Equity and Efficiency in Healthcare
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Publications

Papers

1. Alipour, S., Fazaeli, A. and **Bayati, M.**, 2024. Prevalence and Determinants of Catastrophic Healthcare Expenditures in Iran from 2013 to 2019. *Journal of Preventive Medicine and Public Health*, 57(1), p.65.
2. **Bayati, M.** and Kiadaliri, A., 2023. Contributions of avoidable mortality to the sex gap in life expectancy and life disparity in Iran. *Archives of Public Health*, 81(1), p.126.
3. Hadipour, A., Delavari, S. and **Bayati, M.**, 2023. What is the role of institutional quality in health outcomes? A panel data analysis on 158 countries from 2001-2020. *Heliyon*, 9(9).
4. Rezaei, Z., Lotfi, F., **Bayati, M.** and Kavosi, Z., 2023. The effect of Covid-19 pandemic on healthcare utilization in public vs private centers in Iran: a multiple group interrupted time-series analysis. *BMC Health Services Research*, 23(1), p.822.
5. Seif, M., Sharafi, M., Seif, M.S., **Bayati, M.** and Karimi, J., 2023. Effect of COVID-19 Vaccination on Survival of Iranian Patients: comparison of Cox Regression, Survival Tree and Forests. *Journal of Health Sciences & Surveillance System*, 11(3 (Supplement)), pp.620-630.
6. **Bayati, M.**, Gholami, A., Emadi, M., Goudarzi, Z. and Keshavarz, K., 2023. Pharmacies' income and its effective factors in Iran: A cross-sectional study. *Health Science Reports*, 6(6), p.e1317.
7. Tavakoli, A., Lotfi, F., Lotfi, M., **Bayati, M.**, Seif, M., Salesi, M., Emadi, M., Keshavarz, K. and Delavari, S., 2023. COVID-19 Reinfection Rate and Related Risk Factors in Fars Province, Iran: A Retrospective Cohort Study. *Iranian Journal of Medical Sciences*, 48(3), pp.302-312.
8. Mensah, G.A., Fuster, V., Murray, C.J., Roth, G.A., ., . . ., **Bayati, M.**, . . ., et al., 2023. Global burden of cardiovascular diseases and risks, 1990-2022. *Journal of the American College of Cardiology*, 82(25), pp.2350-2473.
9. Mohammadinia, L., Ahmadi, S. and **Bayati, M.**, 2023. Educational Components off Children's and Adolescents' Resilience in Disasters. *فصلنامه سلامت در حوادث و بلایا*, 8(3), pp.149-156.
10. Mohammadi, A., Lotfi, F., Ravangard, R., Emadi, M. and **Bayati, M.**, 2023. Utilization and cost of outpatient services: A cross-sectional study on the Iran Health Insurance Organization insurees in Fars province. *Health Science Reports*, 6(4), p.e1230.
11. Heydari, A., Delavari, S., Emadi, M., Hadipour, A., Jamali, H. and **Bayati, M.**, 2023. Cost and expenditure of high-cost consumables in hospital: A study in a large hospital in Shiraz during 2017-2018. *Health Management & Information Science*, 10(1), pp.34-39.
12. Jafarpourian, M., Kavosi, Z., **Bayati, M.** and Delavari, S., 2023. An Umbrella Review of Determinants of General Practitioners' Job Satisfaction. *Health Management & Information Science*.
13. Sarvestani, S.E., Hatam, N., Seif, M., Kasraian, L., Lari, F.S. and **Bayati, M.**, 2022. Forecasting blood demand for different blood groups in Shiraz using auto regressive

integrated moving average (ARIMA) and artificial neural network (ANN) and a hybrid approaches. *Scientific Reports*, 12(1), p.22031.

14. Yusefi, A.R., Nikmanesh, P., Bordbar, S., **Bayati, M.** and Nasabi, N., 2022. Mental Health Status and Its Relationship with Sleep Quality of Healthcare Workers during the Covid-19 Pandemic: A Case of Southern Iran. *Journal of Health*, 13(3), pp.397-408.
15. Haakenstad, A., Yearwood, J.A., Fullman, N., Bintz, C., **Bayati, M.**, ..., et al., 2022. Assessing performance of the Healthcare Access and Quality Index, overall and by select age groups, for 204 countries and territories, 1990–2019: a systematic analysis from the Global Burden of Disease Study 2019. *The Lancet global health*, 10(12), pp.e1715-e1743.
16. **Bayati, M.**, Noroozi, R., Ghanbari-Jahromi, M. and Jalali, F.S., 2022. Inequality in the distribution of Covid-19 vaccine: a systematic review. *International journal for equity in health*, 21(1), pp.1-9.
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19. **Bayati, M.**, Rashidian, A., Yazdi-Feyzabadi, V. and Delavari, S., 2022. Influencing factors on the tendency of general practitioners to join in urban family physician program: a cross-sectional survey on Iranian physicians. *Cost Effectiveness and Resource Allocation*, 20(1), p.41.
20. Aeenparast, A., **Bayati, M.**, Farzadi, F., Haeri Mehrizi, A.A. and Ayoubian, A., 2022. Estimating the Catastrophic Health Cost in Iranian Health Insurance Policyholders and Its Relevant Factors. *Health Education and Health Promotion*, 10(3), pp.617-623.
21. Sarikhani, Y., Ghahramani, S., **Bayati, M.**, Lotfi, F. and Bastani, P., 2022. Determining Factors Influencing Specialty Preferences of Iranian Medical Doctors: A Qualitative Study. *Iranian Journal of Medical Sciences*, 47(4), p.350.
22. Haakenstad, A., Irvine, C.M.S., Knight, M., Bintz, C., Aravkin, A.Y., **Bayati, M.**, ..., et al., 2022. Measuring the availability of human resources for health and its relationship to universal health coverage for 204 countries and territories from 1990 to 2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*, 399(10341), pp.2129-2154.
23. Faramarzi, M., Babakhani fard, S., **Bayati, M.**, Jafarlou, F., Parhizgar, M., Rezaee, M. and Keshavarz, K., 2022. Cost-effectiveness analysis of hearing screening program for primary school children in southern Iran, Shiraz. *BMC pediatrics*, 22(1), p.318.
24. Farzadfar, F., Naghavi, M., Sepanlou, S.G., Moghaddam, S.S., Dangel, W.J., **Bayati, M.**, ..., et al., 2022. Health system performance in Iran: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*, 399(10335), pp.1625-1645.
25. Yusefi, A.R., Barfar, E., Daneshi, S., **Bayati, M.**, Mehralian, G. and Bastani, P., 2022. Health literacy and health promoting behaviors among inpatient women during COVID-19 pandemic. *BMC women's health*, 22(1), p.77.

26. Behzadi, A., **Bayati, M.**, Bashzar, S. and Jaafaripooyan, E., 2022. The Effect of Prospective Payment Systems on Health Care Providers' Behavior: A Case Study of Global Surgeries Payment System in Iran. *Medical Journal of the Islamic Republic of Iran*, 36.
27. Gholami, A., Sadeghi, A., Emadi, M., **Bayati, M.**, Aghaie, B. and Keshavarz, K., 2021. Factors affecting the cost and income of pharmacies and to improve their economy. *Journal of Pharmacoeconomics and Pharmaceutical Management*, 7(3/4), pp.93-99.
28. Emadi, M., Delavari, S. and **Bayati, M.**, 2021. Global socioeconomic inequality in the burden of communicable and non-communicable diseases and injuries: an analysis on global burden of disease study 2019. *BMC public health*, 21(1), pp.1-13.
29. **Bayati, M.**, 2021. Why Is COVID-19 More Concentrated in Countries with High Economic Status?. *Iranian Journal of Public Health*, 50(9), p.1926.
30. Ravangard, R., Jalali, F.S., **Bayati, M.**, Palmer, A.J., Jafari, A. and Bastani, P., 2021. Household catastrophic health expenditure and its effective factors: a case of Iran. *Cost Effectiveness and Resource Allocation*, 19(1), pp.1-8.
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33. Sarikhani, Y., Ghahramani, S., **Bayati, M.**, Lotfi, F. and Bastani, P., 2021. A thematic network for factors affecting the choice of specialty education by medical students: a scoping study in low-and middle-income countries. *BMC medical education*, 21(1), pp.1-12.
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36. Paulson, K.R., Kamath, A.M., Alam, T., Bienhoff, K., Abady, G.G., ..., **Bayati, M.**, ..., et al., 2021. Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019. *The Lancet*, 398(10303), pp.870-905.
37. Cromwell, E.A., Osborne, J.C., Unnasch, T.R., Basáñez, M.G., Gass, K.M., ..., **Bayati, M.**, ..., et al., 2021. Predicting the environmental suitability for onchocerciasis in Africa as an aid to elimination planning. *PLoS neglected tropical diseases*, 15(7), p.e0008824.
38. Safiri, S., Sullman, M.J., Lajunen, T., Hill, T., Almasi-Hashiani, A., ..., **Bayati, M.**, ..., et al., 2021. Burden of transport-related injuries in the Eastern Mediterranean region: a systematic analysis for the Global Burden of Disease Study 2017. *Archives*

- of Iranian medicine, 24(7), pp.512-525.
39. Sartorius, B., VanderHeide, J.D., Yang, M., Goosmann, E.A., Hon, J., Haeuser, E., ..., **Bayati, M.**, ..., et al., 2021. Subnational mapping of HIV incidence and mortality among individuals aged 15–49 years in sub-Saharan Africa, 2000–18: a modelling study. *The Lancet HIV*, 8(6), pp.e363-e375.
 40. Kendrick, P.J., Reitsma, M.B., Abbasi-Kangevari, M., Abdoli, A., Abdollahi, M., ..., **Bayati, M.**, ..., et al., 2021. Spatial, temporal, and demographic patterns in prevalence of chewing tobacco use in 204 countries and territories, 1990–2019: a systematic analysis from the Global Burden of Disease Study 2019. *The Lancet Public Health*.
 41. Reitsma, M.B., Kendrick, P.J., Ababneh, E., Abbafati, C., Abbasi-Kangevari, M., ..., **Bayati, M.**, ..., et al., 2021. Spatial, temporal, and demographic patterns in prevalence of smoking tobacco use and attributable disease burden in 204 countries and territories, 1990-2019: a systematic analysis from the Global Burden of Disease Study 2019.
 42. Vahedi, S., Sadat Jalali, F., **Bayati, M.** and Delavari, S., 2021. Predictors of Self-medication in Iran: A Notional Survey Study. *Iranian Journal of Pharmaceutical Research*, 20(1), pp.348-358.
 43. Sarikhani, Y., Bastani, P. and **Bayati, M.**, 2021. A national survey on the characteristics of iranian general practitioners and their preferred specialty: A need to transition toward preventive medicine. *International Journal of Preventive Medicine*, 12.
 44. **Bayati, M.** and Emadi, M., 2020. Factors affecting hospital mortality rate in Iran: a panel data analysis. *BMC Research Notes*, 13(1), pp.1-5.
 45. Hajibagheri, R., Lotfi, F. and **Bayati, M.**, 2020. The Efficiency of self-employed general practitioners and factors affecting it: a study in Iran. *BMC Research Notes*, 13(1), pp.1-6.
 46. **Bayati, M.**, Keshavarz, K., Lotfi, F., KebriaeeZadeh, A., Barati, O., Zareian, S., Amiri, A. and Delavari, S., 2020. Effect of two major health reforms on health care cost and utilization in Fars Province of Iran: family physician program and health transformation plan. *BMC Health Services Research*, 20, pp.1-9.
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51. Micah, A.E., Su, Y., Bachmeier, S.D., Chapin, A., Cogswell, I.E., Crosby, S.W., ..., **Bayati, M.**, ..., et al., 2020. Health sector spending and spending on HIV/AIDS, tuberculosis, and malaria, and development assistance for health: progress towards Sustainable Development Goal 3. *The Lancet*.
52. James, S.L., Castle, C.D., Dingels, Z.V., Fox, J.T., Hamilton, E.B., ..., **Bayati, M.**, ..., et al., 2020. Global injury morbidity and mortality from 1990 to 2017: results from the Global Burden of Disease Study 2017. *Injury prevention*.
53. Niroomand, N., **Bayati, M.**, Seif, M., Delavari, S. and Delavari, S., 2020. Self-medication Pattern and Prevalence Among Iranian Medical Sciences Students. *Current Drug Safety*, 15(1), pp.45-52.
54. Franklin, R.C., Peden, A.E., Hamilton, E.B., Bisignano, C., Castle, C.D., ..., **Bayati, M.**, ..., et al., 2020. The burden of unintentional drowning: global, regional and national estimates of mortality from the Global Burden of Disease 2017 Study. *Injury prevention*.
55. **Bayati, M.**, Lotfi, F., Keshavarz, K., Delavari, S. and Delavari, S., 2020. Can health be related to interpersonal violence in Middle Eastern countries?. *Archives of Iranian medicine*, 23(2), p.84.
56. James, S.L., Lucchesi, L.R., Bisignano, C., Castle, C.D., Dingels, Z.V., ..., **Bayati, M.**, ..., et al., 2019. Epidemiology of injuries from fire, heat and hot substances: global, regional and national morbidity and mortality estimates from the Global Burden of Disease 2017 study. *Injury prevention*.
57. **Bayati, M.**, Mehrolhassani, M.H. and Yazdi-Feyzabadi, V., 2019. A paradoxical situation in regressivity or progressivity of out of pocket payment for health care: which one is a matter of the health policy maker's decision to intervention?. *Cost Effectiveness and Resource Allocation*, 17(1), p.28.
58. **Bayati, M.**, Rashidian, A., Sarikhani, Y. and Lohivash, S., 2019. Income inequality among general practitioners in Iran: a decomposition approach. *BMC health services research*, 19(1), p.620.
59. Jalali, F.S., Jafari, A., **Bayati, M.**, Bastani, P. and Ravangard, R., 2019. Equity in healthcare financing: a case of Iran. *International journal for equity in health*, 18(1), pp.1-10.
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61. Amini-Rarani, M., Rashidian, A., **Bayati, M.** and MORASAE, E.K., 2019. Estimation of a Neonatal Health Production Function for Iran: Secondary Analysis of Iran's Multiple Indicator Demographic and Health Survey 2010. *Iranian Journal of Public Health*, 48(8), p.1488.
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63. Chang, A.Y., Cowling, K., Micah, A.E., Chapin, A., Chen, C.S., ..., **Bayati, M.**, ..., et al., 2019. Past, present, and future of global health financing: a review of development assistance, government, out-of-pocket, and other private spending on health for 195 countries, 1995–2050. *The Lancet*, 393(10187), pp.2233-2260.

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65. **Bayati, M.** and Rashidian, A., 2019. Descriptive study of economic behavior of general practitioners in Iran: practice income, hours of work, and patient visits. *International Journal of Preventive Medicine*, 10.
66. **Bayati, M.**, 2019. Determinants of maternal and child mortality: some methodological notes. *Eastern Mediterranean Health Journal*, 25(7), pp.519-520.
67. **Bayati, M.** and Rashidian, A., 2018. Target income and its determinants for general physicians: An instrumental variables approach. *International Journal of Healthcare Management*, 11(3), pp.260-268.
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71. Kavosi, Z., **Bayati, M.**, Arefnezhad, M., Rad, E.H., Jaafari, A., 2018. Effect of cost sharing on utilization of general physician care: A cross-sectional survey from Shiraz, Iran. *International Journal of Preventive Medicine*, 9(1), pp.96.
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73. **Bayati, M.**, Rashidian, A., Sari, A.A. and Emamgholipour, S., 2017. Target Income of Iranian General Practitioners: A Descriptive Helpful Study for Policies Related to Rational and Equitable Payment. *Hakim Health Systems Research Journal*. 20(2), pp.122-130. (Persian)
74. **Bayati, M.**, Rashidian, A., Sari, A.A. and Emamgholipour, S., 2017. General practitioners' views on key factors affecting their desired income: A principal component analysis approach. *Medical journal of the Islamic Republic of Iran*, 31, p.41.
75. Pourreza, A., Alipour, V., Arabloo, J., **Bayati, M.** and Ahadinezhad, B., 2017. Health production and determinants of health systems performance in WHO Eastern Mediterranean Region. *Eastern Mediterranean Health Journal*, 23(5), p.368.
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77. Shafaghat, T., Hatam, N., Rahimi Zarchi, M. K., Kavosi, Z., & **Bayati, M.**, 2017. Efficiency Determination of Hospitals of Shiraz University of Medical Sciences using Simple and Super Efficiency DEA Models. *International Journal of Hospital Research*, 6(3), pp.55-68.
78. Delavari, S., Gooshki, E.S., Abbasi, M., Delavari, S. and **Bayati, M.**, 2016. Ethical

issues of liver allocation criteria for transplantation in Shiraz organ transplantation center. *Medical History Journal*, 5(17), pp.167-189. (Persian)

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82. Mostafavi, H., Aghlmand, S., Zandiyani, H., Alipoori Sakha, M., **Bayati, M.** and Mostafavi, S., 2015. Inequitable Distribution Of Specialists And Hospital Beds In West Azerbaijan Province. *Journal of Payavard Salamat*, 9(1), pp.55-66. (Persian)
83. Kavosi, Z., **Bayati, M.**, Setoodehzadeh, F. And Khammarnia, M., 2015. Estimation the number of nurses in the poisoning ward in the selected hospital in Shiraz using linear programming technique (simplex): a case study in Shiraz public hospital. *Hospital*, 2(53), pp.87-94. (Persian)
84. Mohammadi, M., Karami, B., Bayat, R., Esfandnia, F., Kazemi, N., **Bayati, M.** and Esfandnia, A., 2015. Assessment of technical efficiency of university hospitals in Kermanshah using data envelopment analysis (DEA). *Technical Journal of Engineering and Applied Sciences*, 5(1), pp.80-83.
85. **Bayati, M.**, Kharazmi, E., Javanbakht, M., Sadegi, A., Arefnejad, M., Vahedi, S. and Esmailzadeh, F., 2014. Optimization the number of nurses in the emergency department using linear programming technique. *Journal of Health Management and Informatics*, 1(2), pp.41-45.
86. **Bayati, M.**, Sarikhani, Y., Rad, E.H., Heydari, S.T. and Lankarani, K.B., 2014. An Analytical Study on Healthcare Inflation Rate and Its Most Important Components in Iran. *Shiraz E-Medical Journal*, 15(4).
87. **Bayati, M.**, Akbarian, R., Kavosi, Z., Sadraei Javaheri, A., Amini Rarani, M. and Delavari, S., 2013. Socioeconomic Determinants of Health in Western Pacific Region: A Panel Data Analysis. *Social welfare quarterly*, 12(47), pp.111-130. (Persian)
88. **Bayati, M.**, Akbarian, R. and Kavosi, Z., 2013. Determinants of life expectancy in Eastern Mediterranean Region: a health production function. *International journal of health policy and management*, 1(1), p.57.

Books

1. Iran National Institute of Health Research., 2015. **Universal Health Coverage in Iran** (Vol First). Tehran, Iran: Gozineh Parsian Teb; 2015. <http://nihr.tums.ac.ir/wp-content/uploads/2015/08/uhc-book-edit1.pdf>.

Presentations

1. **Bayati, M.**, Masoumi, M.A., Mousavi, A., 2023, Prevalence and expenditure of tobacco use among Iranian households, 4th National and 1th International Congress on Tobacco and Health. Bandar Abbas: 22-23 February 2023. Available at: <https://civilica.com/doc/1649437>
2. Jalai, FS., **Bayati, M.**, 2021. The Situation of Daily-Wage Workers in Covid-19 Crisis. The First National Congress on Social Determinants of Health with Focus on COVID-19. Avaz: 14 march 2021.
3. Lotfi, F., Lohivash, S., **Bayati, M.**, Kavosi, Z., Owjimehr, S., 2019. The Effect of Health Transformation Plan on Caesarian and Natural Delivery Rate: An Interrupted Time Series Analysis. The 8th International Conference on Women's Health. Tehran: 4-5 December 2019.
4. Delavari, S., **Bayati, M.**, Lotfi, F., Keshavarz, KH., Delavari, S., 2018. Can Health be in Relation Interpersonal Violence? A Panel Data Analysis on Middle Eastern Countries. International Congress on Health for Peace. Shiraz: 14-16 November 2018.
5. Pourreza, A., Alipour, V., **Bayati, M.**, 2014. Medical Education in the context of Globalization and Medicalization, Annual International Conference on Health & Medical Sciences, Athens, Greece: 5-8 May 2014.
6. **Bayati, M.**, kharazmi, M., javanbakht, M., 2009. Estimation Optimum Number of Nurses in Emergency Department of a Hospital In Shiraz. Annual Congress of Health Services Management. Kerman: 4-6 march 2010.

Research Projects and Grants

-Investigating the inequality in health risk factors in the MENA region and comparing it with the world. 2024, Sponsor: Shiraz University of Medical Sciences, Status: Running.

-The rate of nurses willingness to migrate and Factors influencing it among shiraz public hospitals. 2024, Sponsor: Shiraz University of Medical Sciences, Status: Running.

-Comprehensive Investigation about non-willingness for Childbearing in Married Couples without Children or with Only One Child in Fars Province. 2023, Sponsor: Shiraz University of Medical Sciences, Status: Running.

-The effect of Covid-19 pandemic on healthcare utilization of patients with mental disorders in Fars province from 2018-2022. 2023, Sponsor: Shiraz University of Medical Sciences, Status: Running.

-Sex gap in life expectancy and life disparity in Iran and contributions of avoidable mortality to them. 2023, Sponsor: Shiraz University of Medical Sciences, Status: Completed.

-Investigating the role of political, economic and social determinants on the prevalent cancer diseases burden. 2023, Sponsor: Shiraz University of Medical Sciences, Status: Running.

-The effect of Covid-19 pandemic on the prescription of pulmonary CT scan in Fars province using interrupted time series analysis during 2018-2021. 2023, Sponsor: Shiraz University of Medical Sciences, Status: Completed.

- Horizontal inequality in the access to health care services.** 2023, Sponsor: Shiraz University of Medical Sciences, Status: Completed.
- Calculating the depth of coverage of medical expenses of the insured by basic insurance organizations,** 2022, Sponsor: Social Security Organization Research Institute, Status: Completed.
- The role of institutional quality and human development index on the Covid-19 vaccination rate.** 2022, Sponsor: Shiraz University of Medical Sciences, Status: Completed.
- Assessing the financial protection indicators in the health system (direct out-of-pocket payments, catastrophic costs and impoverishment costs) in the Covid pandemic 19.** 2022, Sponsor: Shiraz University of Medical Sciences, Status: Running.
- Inequality in the distribution of Covid-19 vaccine A Systematic Review.** 2022, Sponsor: Shiraz University of Medical Sciences, Status: Completed.
- Socioeconomic inequality index in the malnutrition among countries, 2019.** 2022, Sponsor: Shiraz University of Medical Sciences, Status: Completed.
- Evaluation of family physicians' performance in COVID-19 pandemics in Fars province.** 2021, Sponsor: Shiraz University of Medical Sciences, Status: Completed.
- Lockdown Effect on COVID-19 Incidence and Death in Iran.** 2021, Sponsor: Shiraz University of Medical Sciences, Status: Completed.
- Health Services Utilization in Population Covered By Iran Health Insurance Organization.** 2020, Sponsor: Shiraz University of Medical Sciences, Status: Completed.
- Assessing The Consumables and Its Cost in Namazi Hospital.** 2019, Sponsor: Shiraz University of Medical Sciences, Status: Completed.
- Factors Affecting Self-Medication in Iran.** 2019, Sponsor: Shiraz University of Medical Sciences, Status: Completed.
- Prediction of Demand for Blood in Shiraz Using ARIMA and Artificial Neural Networks Approaches.** 2019, Sponsor: Shiraz University of Medical Sciences, Status: Completed.
- Study of Socioeconomic Inequality in the Burden of Diseases from 2010-2017.** 2019, Sponsor: Shiraz University of Medical Sciences, Status: Completed.
- The Effect of Health Transformation Plan on the Share of Catastrophic Health Expenditure in Iran.** 2018, Sponsor: Shiraz University of Medical Sciences, Status: Completed.
- Prediction of Road Injuries Burden (DALY) in Iran in Horizon 2030.** 2018, Sponsor: Shiraz University of Medical Sciences, Status: Completed.
- Nonclinical Factors Affecting Hospital Mortality Rate in Shiraz University of Medical Sciences,** 2019, Sponsor: Shiraz University of Medical Sciences, Status: Completed.
- Efficiency of General Practitioners and Its Effective Factors in Iran,** 2018, Sponsor: Shiraz University of Medical Sciences, Status: Completed.
- Study of Income Inequality among Iranian GPs,** 2018, Sponsor: Shiraz University of Medical Sciences, Status: Completed.
- Assessing the Rate and Effective Factors of GPs Multiple Job Holding in Iran,** 2018, Sponsor: Shiraz University of Medical Sciences, Status: Completed.

- Evaluation of Family Physician Program in Fars Province: Financial Burden, Outcome Analysis, Practical Challenges and Improvement Options**, 2017, Sponsor: Social Security Organization Research Institute, Status: Completed.
- Estimation of Cost Function for Shiraz University of Medical Sciences Hospitals**, 2017, Sponsor: Health Policy Research Center, Status: Completed.
- Comparative Study of Primary Health Services and Financing Mechanisms in Selected Countries**, 2016, Sponsor: Center for Strategic Defense Research, Status: Completed.
- Measurement of Technical Efficiency of Schools of Zabol Medical University Using Data Envelopment Analysis on 2013-2014, 2015**, Sponsor: Zabol University of Medical Sciences, Status: Completed.
- Situation and Requirements of Universal Health Coverage in Iran**, 2014, Sponsor: National Institute of Health Research, Status: Completed.
- Situation of Iran's Health System Performance in Eastern Mediterranean Region**, 2013, Sponsor: Tehran University of Medical Sciences, Status: Completed.
- Systematic Review of Models of Human Resources Estimation in Health Sector**, 2013, Sponsor: Iranian Institute for Health Sciences Research, Status: Completed.
- Effect of General Physician's Cost Sharing on Health Services Utilization in People with Different Health Status**, 2012, Sponsor: Shiraz University of Medical Sciences, Status: Completed.
- Study of Determinants of Maternal Mortality in Eastern Mediterranean Region**, 2012, Sponsor: Shiraz University of Medical Sciences, Status: Completed.
- Cost Price of MRI Services in Faghihi Hospital Using Activity Based Costing**, 2011, Sponsor: Health Policy Research Center, Status: Completed.
- Cost Utility Analysis of Hemo-Dialysis and Peritoneal Dialysis in Kidney Disease**, 2011, Sponsor: Health Policy Research Center, Status: Completed.
- Optimization The Number of Nurses in Poisoning Department of Shooshtari Hospital Using Linear Programming**, Sponsor: Shiraz University of Medical Sciences, 2011, Status: Completed.
- Study of Factor Affecting Life Expectancy in Two Regions of WHO During 1995-2007 Using Panel Data Model**, Sponsor: Shiraz University of Medical Sciences, 2011, Status: Completed.
- Assessing the Inflation Rate in Health Sector and Comparing with General Inflation Rate**, 2011, Sponsor: Health Policy Research Center, Status: Completed.
- Effective Factors on Discharge against Medical Advice in a Hospital in Shiraz**, 2010, Sponsor: Shiraz University of Medical Sciences, Status: Completed.

Teaching Experiences

1. **Health Economics**, PhD of community based dentistry, 2023-Present.
2. **Health Financing and Insurance**, MPH, 2022-Present.
3. **Public Sector Economics**, PhD, 2021-Present.
4. **Seminars in Health Economics**, PhD, 2021-Present.
5. **Health Labor Economics**, PhD, 2021-Present.
6. **Financial Management in Health**, PhD, 2021-Present.
7. **Advanced Research Methods in Health System**, PhD, 2021-Present.
8. **Quantitative Research Methods in Health Economics**, MS, 2019-Present.
9. **Principles of Health Economics**, MS, 2019-Present.
10. **Hospital Economics and Management**, MS, 2017-Present.
11. **Health Economics**, MPH, 2017-Present.
12. **Health Economics and Insurance**, PhD, 2017-2020.
13. **Health Economics1, 2**, Medical Residency, 2017-2019.
14. **Health Economics1**, MS, 2017-Present.
15. **Health Economics2**, MS, 2017-Present
16. **Principles of Health Economics for Nursing**, MS, 2017-Present.
17. **Principles of Health Economics for Pharmacy**, Pharmacy Doctorate, 2017-2019.
18. **Microeconomics**, BS, 2014.
19. **Public Sector Economics**, MS, 2014-Present.
20. **Iran Economy**, MS, 2014-Present
21. **Health Economics**, BS, 2013-Present

Theses and Dissertations Supervision

1. Mahsa Rousta, *An Investigation of prescribing behavior of family physicians in Fars province*, MSc, 2024, **Supervisor**
2. Aida Javanmardi, *Identifying factors affecting patients trust in doctors in the cases of prescribing invasive interventions among those who refer to clinics in Shiraz in 1402*, MSc, 2024, **Supervisor**
3. Rayehe Nourouzi, *Studying the socioeconomic factors on mental health associated burden of diseases among Organization for Economic Co-operation and Development (OECD)countries, between 2010-2019*, MSc, 2024, **Supervisor**
4. Zahra Rakhshandeh, *Investigating the willingness of Shiraz University of Medical Sciences students to migrate and related factors based on the theory of planned behavior approach in 2023*, MSc, 2024, **Supervisor**
5. Fatemeh Okhovat, *Comparison of the frequency of preterm birth, anthropometric indicators, neonatal mortality rate at birth, before and after the onset of Covid-19 pandemic in health centers of Shiraz city in 2018-2022*, MSc, 2024, **Advisor**
6. Fatemeh Sadeghi, *Investigating the preferences of the people of Shiraz in choosing skincare products using discrete choice model*, Pharm.D, 2023, **Advisor**
7. Mahmood Mahdian, *Socioeconomic Inequality In Smoking Among Iranian Households*, MSc, 2023, **Supervisor**
8. Alireza Hadipour, *The Role Of Institutional Quality In Vital Indicators Of The Health*

- System In Countries Around The World Using Panel Data*, MSc, 2023, **Supervisor**
9. Pardis Dabiri, *Investigating the relation between institutional quality index and the burden of selected disease in MENA Region in 2010-2019*, MSc, 2023, **Supervisor**
 10. Ali Keshavarzi, *Estimation Of The Labor Supply Function For Nursing Staff In Hospitals Of Shiraz In 1399*, MSc, 2023, **Supervisor**
 11. Ali Majidpour Azad Shirazi, *Comparison of cost and consumption of diagnostic and treatment services in two groups of Covid-19 vaccinated and unvaccinated patients in Shiraz in 1400*, MSc, 2023, **Advisor**
 12. Ali Mohammadi, *Utilization Of Outpatient Services And The Factors Affecting It Among Insured Of Iran Health Insurance Organization In Fars Province In 2019*, MSc, 2023, **Supervisor**
 13. Ebrahim Keramatfar, *Survey on the Effect of Interventions of Namazee Hospital on Insurance Deductions on Inpatient Hospital Bills and Presenting Solutions to Decrease it*, MSc, 2023, **Advisor**
 14. Zohreh Rezaei, *Evaluation of health services utilization before and after Corona pandemic in health insurance insured in Fars province*, MSc, 2022, **Supervisor**
 15. Ali Mehdizadeh, *Evaluation of willingness to perform and pay for breast cancer screening and related factors among women over 30 years old in Sarvestan in 2021*, MSc, 2022, **Supervisor**
 16. Pegah Ansari, *The examination pharmaceutical marketing based on the prescriber-provider interaction and its correlation with physicians' economic viewpoint in Shiraz, 2020*, MSc, 2022, **Advisor**
 17. Zeynab Safarpour, *Study of family physician plan on benefit and cost of health service in insured of the Health insurance organization in Fars*, MSc, 2022, **Advisor**
 18. Mehrnush Emadi, *Study of Socioeconomic Inequality in The Burden of Diseases From 2010-2017*, MSc, 2021, **Supervisor**
 19. Yaser Sarikhani, *A National Survey on the Preferences of Iranian General Practitioners on Specialty Choices Using Conjoint Analysis*. PhD, 2021, **Supervisor**
 20. Maryam Jafarpourian, *Investigating The Factors Affecting The Professional Satisfaction of General Physicians in Iran Using Structural Equation Model*, MSc, 2021, **Supervisor**
 21. Sara Babakhani, *Cost Effectiveness Analysis of Audio Screening for School Pediatrics in Shiraz*. MSc, 2021, **Advisor**
 22. Sedigheh Edalat, *Prediction of Demand for Blood in Shiraz Using ARIMA and Artificial Neural Networks Approaches*, MSc, 2021, **Supervisor**
 23. Abolghasem Saeidian, *Health Seeking Behavior Study in Choram City And Its Influencing Factors*, MSc, 2020, **Advisor**
 24. Sara Aboali, *Determine The Risk Factors in Readmission Patients After Myocardial Infarction by Using The Minimum Data Set*, MSc, 2020, **Advisor**
 25. Maryam Kiani, *Factors Affecting on Pharmacies Economics of Shiraz City (2018)*, MSc, 2020, **Supervisor**
 26. Raziieh Hajibagheri, *Efficiency of General Practitioners in Iran and Effective Factors*. MSc, 2020, **Supervisor**
 27. Saeid Louhivash, *The Impact of Health Transformation Plan on Health Services Consumption Using Interrupted Time Series Analysis in Selected Hospitals of Shiraz*

- University of Medical Sciences During 2012-2016*, MSc, 2019, **Supervisor**
28. Mohsen Ghaffari, *Systematic Review and Cost-Effectiveness Analysis of Pharmaceutical Treatment Options of Major Depression Disorder by Selective Serotonin Reuptake Inhibitors in Iran in The Year 2018*, MSc, 2019, **Advisor**
 29. Farideh Jalali, *Equity in Health Expenditure Financing for Families in Shiraz City in 2018*, MSc, 2018, **Advisor**
 30. Shekoufeh Ghaderi, *Study of Equity in Distribution of Health Resources Among Iran's Provinces in 2014*, MSc, 2017, **Advisor**
 31. Effat Nourouz Sarvestani, *Determination of Influencing Factors on Purchasing of Different Levels of Kosar Supplementary Health Insurance on Shiraz University of Medical Sciences Staffs in 2014-15*, MSc, 2016, **Advisor**

Working Experiences

1. **Head**, Department of Health Management and Economics, School of Health Management and Information Sciences, Shiraz University of Medical Sciences, 2024-Present.
2. **Director**, Health Human Resources Research Center, Shiraz University of Medical Sciences, 2019-Present.
3. **Associate Professor of Health Economics**, School of Health Management and Information Sciences, Shiraz University of Medical Sciences, 2021-Present.
4. **Assistant Professor of Health Economics**, School of Health Management and Information Sciences, Shiraz University of Medical Sciences, 2016-Present.
5. **Director of Educational Affairs**, Health Human Resources Research Center, Shiraz University of Medical Sciences, 2016-Present.
6. **Executive of Encyclopedia of Public Health**, Iranian Institute for Health Sciences Research , 2014-2016

Award and Honors

1. Top University Teacher in Shiraz University of Medical Sciences, 2022.
2. Joining the Top 2 Percent of the Most Cited Scientists in the World According to the 2023 Stanford Elsevier List. 2023.
3. Top Researcher Award in School of Health Management and Information Sciences, 2021.
4. Incentive Research Award from Research and Technology Deputy of Shiraz University of Medical Sciences, 2020.
5. Incentive Research Award from Research and Technology Deputy of Shiraz University of Medical Sciences, 2019.
6. National Elites Foundation Qualification for Using its Awards, 2016.
7. Scholarship for PhD Degree in Health Economics. Awarded By The Shiraz University of Medical Sciences, 2014.
8. First top Student in PhD at Tehran University of Medical Sciences, 2011-2016.
9. Second Top Student in the National Entrance Exam of PhD.
10. Educational Top Student Rating in Shiraz University of Medical Sciences, 2011.
11. First Top Student in MS at Shiraz University of Medical Sciences, 2009-2011.
12. Top Rating in Festival of innovator and excellent students, Fars Provinces, 2008.
13. First Top Student in BS at Shiraz University of Medical Sciences, 2005-2009.

References

- Prof. **Arah Rashidian**, Professor of Health Policy, Department of Health Economics and Management, School of Public Health, Tehran University of Medical Sciences. Email: arash.rashidian@gmail.com telephone: +98 21 88989129
- Prof. **Ali Keshtkaran**, Professor of Health Management, Department of Health Management, School of Public Health, Shiraz University of Medical Sciences. Email: keshtkaa@sums.ac.ir telephone: +98 71 32340774
- Prof. **Reza Akbarian**, Professor of Economics, Department of Economics, School of Social sciences, Shiraz University. Email: rakbarian@rose.shirazu.ac.ir telephone: +98 71 36134445
- Prof. **Ali Akbari Sari**, Professor of Health Policy, Department of Health Economics and Management, School of Public Health, Tehran University of Medical Sciences. Email: akbarisari@tums.ac.ir telephone: +98 21 88989129
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