



Mohammadreza Zakeri

Health policy Research Center, (HPRC)

Building No 2, Eighth Floor, School of Medicine, Shiraz
University of Medical Sciences,
Zand Avenue , Shiraz, Iran
Postal code:71348-45794
Tel & Fax:+ 98 71 32309615
E-mail: health.policy.research@gmail.com
<https://sums.ac.ir/page-healthpolicyEN/en/427>

Email: mrzakeriir@yahoo.com
mrzakeri@sums.ac.ir
Phone : +987132084457

Personal Information

Date of Birth: 7-Sep-1969

Nationality: Iranian

Place of Birth: Amol, Iran

Previous position: Fix-employed by Ministry of Health

New position: Fix-employed by Shiraz University of Medical Sciences

Language

- Persian
- English (IELTS 6)

Education

- 1987–1994, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran
- March 5th - April 27th 2012, Institute of Tropical Medicine, Antwerp, Belgium
- January 20th 2013- May 2019, PhD Student (Health Services Management), School of management and Health Information, Shiraz University of Medical Sciences, Shiraz, Fars, Iran

Main Diploma

- Doctor of Medicine, MD
- Postgraduate Certificate in Health Policy
- Doctorate in Health Services Management, PhD

Publication

Book & Reports:

- Health and Social Determinants, Ministry of Health, [book in Persian] 2008
- Early Child Development and Care, Ministry of Health, [book in Persian] 2009
- Closing the gap in a generation, Ministry of Health, [translation to Persian] 2010
- I.R. Iran Multiple-Indicator Demographic and Health Survey, [book in Persian] 2010
- Iran National Health Accounts Report 2008, Ministry of Health, [report in Persian] 2012
- Health Equity Indicators, Ministry of Health, [book in Persian] 2012

- Health Equity Indicators (from introduction to approval) , Ministry of Health, [book in Persian] 2013
- Forms, Guidelines and Process of Collecting Data for Health Equity Indicators (Based on National Registry System), Ministry of Health, [book in Persian] 2013
- National High Council for Health and Food Security, Ministry of Health, [book in Persian] 2013
- PhD Thesis: “The Assessment of Equity in Health Care Financing and health care utilization in Iran in 2014”, May 2019

Published Articles:

1. Keshavarzi, M.H., et al., *Requirements for improving social capital among faculty members of medical universities: A multicenter qualitative study*. Health Science Reports, 2023. **6**(2): p. e1113.
2. Lankarani, K.B., et al., *Therapeutic Efficacy of Melatonin in Patients with Coronavirus 2019: A Systematic Review and Meta-Analysis of Randomized Controlled Trials*. Galen Medical Journal, 2022. **11**: p. e2562-e2562.
3. Kamran Bagheri Lankarani, S.G., Marjan Roozitalab, Mohammadreza Zakeri, Behnam Honarvar, Hengameh Kasraei, *What do hospital doctors and nurses think wastes their time?* SAGE Open Medicine, 2019.
4. Zakeri, M.R., A. Khosravi, and M. Beheshtian, *Social Determinants of Health and Health Equity: Islamic Republic of Iran's Executive Actions and Monitoring System*. Shiraz E-Medical Journal, 2018. **19**(5).
5. Siavashi, E., P. Shojaei, and M. Zakeri, *Determinants of Cesarean Section: A Meta-Synthesis Approach*. Journal of Advances in Medical and Biomedical Research, 2016. **24**(106): p. 30-41.
6. Hatam, N., et al., *Equity analysis of hospital beds distribution in Shiraz, Iran 2014*. Medical journal of the Islamic Republic of Iran, 2016. **30**: p. 393.
7. Zakeri, M., et al., *The financing of the health system in the Islamic Republic of Iran: A National Health Account (NHA) approach*. Medical journal of the Islamic Republic of Iran, 2015. **29**: p. 243.
8. Lankarani, K.B., et al., *Lessons learned from national health accounts in Iran: highlighted evidence for policymakers*. Shiraz E-Medical Journal, 2015. **16**(4).
9. Beheshtian, M., et al., *Developing a household survey tool for health equity: A practical guide in Islamic Republic of Iran*. Medical Journal of the Islamic Republic of Iran, 2015. **29**: p. 305.
10. Rashidian, A., et al., *Iran's multiple indicator demographic and health survey-2010: Study protocol*. International journal of preventive medicine, 2014. **5**(5): p. 632.
11. Beheshtian, M., et al., *Intersectoral collaboration to develop health equity indicators in Iran*. Iranian journal of public health, 2013. **42**(Supple1): p. 31.
12. Zakeri, M., et al., *Health Care Utilization Inequality in a Mixed Public-Private Health Care System: An Insight from the National Survey in Iran*. Health Scope. **9**(1): p. e88589.

Main Responsibilities

1997-2004: (Bushehr University of Medical Sciences)

- Director of Hospitals
- Director of Medical Equipment Office
- Vice Chancellor, Deputy for Curative Affair
- Coordinator of Social Health Insurances
- Coordinator of University Medical Council
- Lecturer in School of Nursing and Midwifery

2004-2012: Ministry of Health & Medical Education (MOH)

- 2004- 2005: Technical Officer, Human Resources Management Office, MOH, Tehran, Iran.
- 2005- 2006: Technical officer, Secretariat for Health Management in Disaster, MOH, Tehran, Iran.
- 2006- 2007: Technical officer, Health Information Management Group, Center for Health Network Development, MOH, Tehran, Iran.

2007-2013:

- Technical officer on National Health Accounts, Health Economic Group, Center for Health Network Development, MOH, Tehran, Iran.
- Technical officer on Social Determinants of Health, Health Policy council, MOH, Tehran, Iran.
- Advisor to Director General, Health Technology Assessment, Standards and Tariff Office, Deputy of Curative Affair, MOH, Tehran, Iran.

2013-2018: Shiraz University of Medical Sciences (SUMS)

- 2013-2018 PhD Studentship
- 2015-2016: Hospital Administrator (Manager), Shahid Faghihi Training Hospital, SUMS, Shiraz, Iran
- 2016- 2017: Hospital Administrator (Manager), Hazrat Zeynab Training Women Hospital, SUMS, Shiraz, Iran
- 2017-2018: Technical Assistant for Vice Chancellor, Deputy for Health, SUMS, Shiraz, Iran
- 2018-2019: Health Policy Researcher, Health Policy Research Center (HPRC), Shiraz University of Medical Sciences, Shiraz, Fars, Iran

2019-2020:

- Technical Expert, Health Statistics and Economic Group, Health Network Development Center, Deputy of Health, MOH
- Technical Expert, Health Information Observatory Center, MOH

Now:

- Health Policy Researcher, Health Policy Research Center (HPRC), Shiraz University of Medical Sciences, Shiraz, Fars, Iran

International activities

- Reviewer for Bulletin of the World Health Organization
- Reviewer for Shiraz e-Medical Journal
- Member of COP Financial Access to Health Services
- Member of EQUITAP Team
- Member of Asia-Pacific Health Accounts Network, APNHAN

Attended Courses

- Strategic Planning, Bushehr University of Medical Sciences, 2000, Bushehr, Iran
- Total Quality Management, TOT course, Bushehr University of Medical Sciences, 2001, Bushehr, Iran
- Health System Research, TOT course, Mashhad University of Medical Sciences, 2002, Mashhad, Iran
- Educational Need Assessment, Human Resources Management Office, MOH, 2004, Tehran, Iran.
- EFQM Model, Human Resources Management Office, MOH, 2004, Tehran, Iran.
- Health management in Disaster workshop, Secretariat for Health Management in Disaster, MOH, 2005, Tehran, Iran.
- Nutrition in Disaster, TOT course, Secretariat for Health Management in Disaster, MOH, 2005, Tehran, Iran
-
- Developing Health Management Information System, Capacity Building course, Health Information Management Group, Center for Health Network Development, MOH, 2006, Tehran, Iran.
- Evaluation of National Health Information System, (Field Training), WHO & Health Information Management Group, Center for Health Network Development, MOH, 2006, Tehran, Iran.
- Basics of Health Economics, World Bank Institute, 2007, (eLearning Course)
- Methods of Health Economic Evaluation, National Institute of Health Research, (Three Days Training Course), 2009, Tehran, Iran

- Measuring Inequalities in Health, 2009, WHO, Tehran University of Medical Sciences (One Week Training Course)
- Systematic Reviews & Meta-Analysis, Shahid Beheshti University of Medical Sciences (Three Days Training Course), 2009, Iran
- Flagship Course on Equity and Health in Asia, ANHSS & WBI, Tagaytay City, The Philippines, November 29- December 3, 2010
- 8th Training Course on Social Health Insurance, June 27th to July 8th, 2011, Seoul, Republic of Korea
- Health Research Methodology, Institute of Tropical Medicine, 2012, Antwerp, Belgium
- Measuring health inequality with ADePT Software, Institute of Tropical Medicine, 2012, Antwerp, Belgium
- Global Health Seminar: a role play approach, Institute of Tropical Medicine, 2012, Antwerp, Belgium
- Flagship Course on Analyzing Health and Healthcare Inequalities Methods Course, ANHSS & WBI, Beijing, China, 25-29 October, 2012
- Technical Workshop and the 9th joint OECD Korea Policy Centre-APNHAN Meeting of Regional Health Accounts Experts, Seoul, Korea, 2013
- Technical Workshop and the 10th joint OECD Korea Policy Centre-APNHAN Meeting of Regional Health Accounts Experts, Busan, Korea, 2014
- Technical Workshop and the 11th joint OECD Korea Policy Centre-APNHAN Meeting of Regional Health Accounts Experts, Seoul, Korea, 2015
- Technical Workshop and the 12th joint OECD Korea Policy Centre-APNHAN Meeting of Regional Health Accounts Experts, Seoul, Korea, 2016
- Technical Workshop and the 13th joint OECD Korea Policy Centre-APNHAN Meeting of Regional Health Accounts Experts, Bangkok, Thailand, 2017
- Training fellowship in Health Equity Analysis, Institute for Health Policy (IHP), Colombo, Sri Lanka, 2017

Work experience

1994 – 2010, General practitioner, Iran.

Bushehr Medical Sciences University (1997-2004)

- Hospital Administration (human resource management, financing, budgeting, logistics, ...)
- Total quality management and Quality Improvement
- Medical Device Management (need assessment, ordering, purchasing, Distribution)
- Strategic Planning for Deputy of Health
- Hospital Cost Analysis

Ministry of Health (2004-2013)

- Employee training need assessment
- Human resource management
- Preparing protocols and guidelines for reproductive health management in disaster
- Deployment of forces for the Pakistan earthquake in 2005
- National Supervisor for Broojerd earthquake in 2006
- Health information system evaluation
- National Supervisor for rural family physician program in PHC Network, 2007
- Health Care Utilization Survey in Iran, 2007
- Household health Expenditures Survey, 2008
- National Health Accounts, 2008
- Developing health section of 5th socio-economic and cultural plan in Islamic Republic of Iran, 2008
- National Strategic planning for Social Determinant of health, MOH & WHO, 2010
- Conceptual framework for Social Determinant of health, MOH, Iran, 2010
- National Early Childhood Development Plan, MOH & UNICEF, Iran, 2010-2011
- IrMIDHS (Iran Multiple Indicators Demographic Health Survey), MICS + DHS Survey, 2010
- Defining National Health Equity Indicators Basket, MOH, Iran, 2011
- Designing Health equity monitoring system for Iran, MOH, Iran, 2012
- Iran Health Map, Ministry of Health, 2012

Shiraz University of Medical Sciences (2013-2019)

- Training Hospital Management
 - Unit cost analysis
 - Project management for 5 new wards construction
 - Infertility center founding

- Technical assistant, supervision and evaluation of PHC Network
- Health Policy Research

Ministry of Health (2019-2020)

- COVID-19 screening program monitoring and reporting
- Health System Research (HSR) evaluation
- Unit cost analysis for primary health care
- Health information observatory

Now: Health Policy Research Center (HPRC), SUMS

- Health Policy Research

Research experience

- Health Care Utilization Survey in Iran, 2007
- National Health Equity Indicators survey ,2010
- Household Health Expenditures Survey, 2008
- IrMIDHS (Iran Multiple Indicators Demographic Health Survey) – 2010
- Measuring Health Care Utilization Inequalities in Iran, (my MPH thesis), 2011
- Preparing the draft of article (healthcare financing in Iran) for publishing in Institute of Tropical Medicine, 2012, Antwerp, Belgium
- Measuring health care utilization inequalities
- Measuring health financing inequalities
- Benefit incidence analysis

My Research profile:

<https://scholar.google.com/citations?user=zgXkHK4AAAAJ&hl=en>

Computer skills

MS Office, SPSS, STATA, Adept, End Note , Citavi

Awards

- Award from deputy for coordination of ministry of health for contribution in developing health section of 5th socio-economic and cultural plan in Islamic Republic of Iran
- PhD Scholarship for Health Service Management by Iran Ministry of Health
- Individual Student Traineeship, May 1st – July 30th 2012, Institute of Tropical Medicine, Antwerp, Belgium
- Award from minister of health for contribution in developing Health System Map in Islamic Republic of Iran, 2012
- Studentship Grant for Health Equity Analysis, Institute for Health Policy

(IHP), Colombo, Sri Lanka, 2017

Abstracts presented

- Iranian Health Insurance System, in Training Course on Social Health Insurance, 2011, Seoul, Republic of Korea
- Lecture on Early Child Development in 20th international congress of pediatrics
- National Health Accounts Development in Iran: SHA1 and SHA2 Experiences. In Technical Workshop and the 9th joint OECD Korea Policy Centre-APNHAN Meeting of Regional Health Accounts Experts, 2013

Training Activity

- Patient Health Assessment, School of Nursing and Midwifery, BUMS
- Teaching Problem Solving & TQM, BUMS
- Lecturer on social determinants of health and Health Equity, MOH
- Lecturer on National Health Accounts, MOH
- Teaching Health Equity Analysis, SUMS
- Teaching Health System Management, SUMS
- Teaching Health System Research, SUMS

MPH (Health Policy) Student: (HPRC)

- Social determinants of health and Health Equity
- Teaching Health Economic Evaluation
- Basics of Health Economics
- Health Care Financing

On-going & Future Projects

- Trend analysis of health inequalities in health financing and health services utilization in Iran
- Covid-19 and changes in household food expenditures
- Resilient hospital requirements at the point of view of hospital managers who faced COVID -19 pandemic in Iran. (*Under publishing*)
- Inpatient Direct Cost of Covid-19 Patient in Referral Hospitals during 2020-2021
- Determinant of Zero and Positive Willingness to Pay for COVID-19 Vaccine: Evidence from a developing country. (*Under publishing*)
- Effects of COVID-19 pandemic on the prescription pattern: Evidence from a comprehensive dataset of Health Insurance Organization in Fars province, Iran. (*Under publishing*)
- Nutrition Bonus and its effect on maternal and neonatal health in LSE families
- Outcome of patient with intra-cranial hemorrhage in Namazi hospital during 2018-2020 in Shiraz

- Excess death in Fars's province during 2021. (*Under publishing*)
- Readmissions in Covid-19 patients in Shiraz referral hospitals in 2020
- Covid-19 and Hospital cost
- Payment Methods in Iranian Health care System
- External evaluation of Maternal Death Surveillance system
- Determinants of Hospital Admission in High-Risk Mothers