

# DR. BABAR TASNEEM SHAIKH



Dr Shaikh is a Public health professional with sound expertise in Health Systems dynamics especially policy, management, administration, strategic planning, financing, reforms and capacity building. He has demonstrated an exceptional understanding of different public health facets such as Maternal & Child health, Reproductive health, Social Marketing of health, Social Determinants of Health, and Health Systems Strengthening. He carries a diverse experience of research, advocacy and service in public health. He has been involved in qualitative as well as quantitative analysis and research works. He has worked in various projects on Health systems, RH, Quality of care, Health education, promotion and communication for international and national public health and social development organizations. He has secured grants from World Health Organization, Aga Khan Foundation Geneva, Liverpool School of Tropical Medicine UK, David & Lucile Packard Foundation, KfW, USAID, DfID, AusAID, and Global Aid Canada. His flagship work on health seeking behaviors and health services utilization has become a cutting edge in the field. His research work is extensively disseminated through more than 115 peer reviewed publications in both national and international indexed journals. He also carries a vast teaching and research supervision experience for undergraduate and postgraduate public health, health policy and management graduates. Higher Education Commission of Pakistan and Pakistan Medical & Dental Council has recognized him as MSc, MS, MPhil and PhD supervisor and examiner. In recognition of his work and credentials, Royal College of Physicians Edinburgh has awarded him the fellowship in Public health. Dr Shaikh also established the first PhD Public health program at the Health Services Academy, Islamabad. He launched the first ever peer reviewed journal of public health from the academy. In the development sector, he has successfully steered several MNCH programs funded by USAID, KfW, EU, UNDP, Global Aid Canada, French, Norwegian and Italian foreign offices, mainly for strengthening public health system.

## QUALIFICATIONS

- **FRCP** 2011 (*Public health*, Royal College of Physicians, Edinburgh, UK).
- **PhD** 2009 (*Health Systems*, Liverpool School of Tropical Medicine, University of Liverpool, UK).
- **MPH** 1999 (*Health Promotion & Social Development*, School of Public Health, University Henri Poincaré, Nancy, France)
- **MBBS** 1995 (*Medicine & Surgery*, Rawalpindi Medical College, Punjab University, Lahore, Pakistan)

## EMPLOYMENT

- Feb 2019 to date**      **Technical Director**, USAID's IHSS-SD Activity, JSI Research & Training Institute Inc. Islamabad.  
Provide support to the Chief of Party's office in the overall implementation, coordination and execution of the program; Provincial liaison with Department of Health (DOH)/Population Welfare Department (PWD); Contribute to development of Health System Strategy/Policy and Technical oversight to Institutional strengthening component of the program.
- Feb 2018 to Jan 31 2019**      **HSS-Policy Advisor**, USAID's IHSS-SD Activity, JSI Research & Training Institute Inc. Islamabad.  
Technical support to Federal Ministry of Health in institutional strengthening (Health Planning Unit, NIH, HSA and Think tank); Technical oversight in assessments of regulatory bodies (PMDC, PNC, Health care Commission); Policy advice to provinces on Health strategy, HRH, FP2020; Focal point for UHC, SDGs, National Health Vision; Liaison with provinces and consortium partners.
- May 2016 to Jan 2018**      **Senior Technical Advisor/Technical Lead**, Health & Population Think Tank, Ministry of National Health Services, Regulation & Coordination, Islamabad.  
Steer the round table discussions on priority health issues identified by the Ministry of Health; Analyze existing research, strategies, frameworks and policy documents to inform the priority areas for further discussion; Generate evidence through primary and secondary research to be published in peer reviewed journals; Conduct reviews and critiques of current health actions and decisions nationally & internationally pertaining to SDGs; Prepare policy briefs, guidelines, position papers on thematic areas of National Health Vision 2016-2025 for its onward implementation at the provincial level
- Apr 2013 to Apr 2016**      **Director Health & Built Environment**, Aga Khan Foundation, Islamabad, Pakistan.

	Resource mobilization, manage grants, ensure compliance; liaising with Government and donors; procuring and managing consultants, and technical backstopping to multi-country and multi-lateral funded projects on Maternal Neonatal & Child Health and Water & Sanitation, funded by Global Aid Canada (CIDA), USAID, KfW, French, Norwegian and Italian Foreign offices.
<b>Mar 2011 to Mar 2013</b>	<b>Health Systems &amp; Policy Specialist</b> , Health Services Academy/USAID, Government of Pakistan, Islamabad. (Health policy analysis, Policy advocacy, Technical advice to Govt & NGOs, Capacity building, Strategic planning, Health systems strengthening)
<b>Jan 2008- Feb 2011</b>	<b>Director Health Policy &amp; Management Program</b> , <i>Health Systems Division, Department of Community Health Sciences</i> , Aga Khan University (AKU), Karachi, Pakistan.
<b>July 2002- Dec 2007</b>	<b>Senior Instructor- Health Policy &amp; Management</b> , <i>Health Systems Division, Department of Community Health Sciences</i> , Aga Khan University (AKU), Karachi, Pakistan.
<b>Nov 2000- Jun 2002</b>	<b>Medical executive</b> , Margalla Institute of Health Sciences, Islamabad, Pakistan.
<b>July 1999-Aug 2000</b>	<b>Research Fellow</b> , <i>School of Public Health</i> , University Henri Poincaré, Nancy, France. (Conceptualizing, designing and executing: Project 1: Health promotion and education of the students living in the university residences through peer counseling. Project 2: Needs assessment study with GP's & specialists dealing with the uninsured patients. Programme Régional d'Accès à la Prévention et Soins and School of Public Health, Nancy, France)
<b>Mar 1997-May 1998</b>	<b>Trainer</b> , <i>Green Star Social Marketing</i> ; Islamabad, Pakistan. Affiliated with Population Services International, Washington DC. (Curriculum development, recruitment & training of about 700 Private Practitioners & 300 Chemists and LHVs in 75 training workshops; project appraisal, planning, budgeting, monitoring & evaluation; Maintaining and updating MIS of the trained professionals & Report writing).

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## CONSULTANCIES

- **David & Lucile Packard Foundation (2017)**: End of project evaluation of demand side financing for family planning: prospects for scaling up.
- **John Snow International (2017)**: Prepared a concept note and project proposal for USAID Integrated Health System Strengthening & Service Delivery project in Pakistan.
- **Alliance for Health Policy & Systems Research/WHO Geneva (2017)**: Literature review and a qualitative enquiry on Health Systems barriers in implementation of Expanded Program on Immunization in Pakistan.
- **Greenstar Social Marketing (2016)**. a) Endline survey on perceptions and attitudes on family planning products and services. b) Qualitative Survey: Assessment of provider and client attitudes and experiences with postpartum IUCD.
- **UNICEF (2016)**. Designing workshops and presentations on breastfeeding for health professionals, undergrad and post grad students, civil society and parliamentarians.
- **L'Avenir (Futures Group) Canada (2016)**. Qualitative study on Supporting Family Planning within National Health Financing Schemes in Pakistan.
- **World Bank (2016)**: Drafting National Health Vision 2016-2025 for the Ministry of National Health Services Regulation & Coordination, based on literature, consultations and government's vision 2025.
- **USAID/Health Services Academy (2012-13)**: Capacity building of PPHI District Support Managers (mid-senior level bureaucrats from Sindh, Baluchistan, KPK, GB & AJK) on Primary Healthcare & Health Systems Development.
- **Aga Khan Foundation (2013)**: Qualitative study on the Role of Community-Based Savings Groups (CBSGs) in enabling greater utilization of Community Midwives in Chitral district of Pakistan.
- **LEAD Pakistan (2013)**: Developed a position paper on pre & post 18<sup>th</sup> amendment and health policy implications.
- **Pakistan Institute of Development Economics (2012-13)**: Developed & taught a module on Health Systems Organization, Management and Analysis.

- **Technical Resource Facility (DfID and AusAid) (2012-13):** Developing 5 years costed Health Sector Strategy for the Department of Health, Azad Jammu & Kashmir.
- **Aga Khan Foundation (2012):** Qualitative study on the Role of Community-Based Savings Groups (CBSGs) in enabling greater utilization of Community Midwives in Chitral district of Pakistan.
- **World Health Organization (2011):** Internal review of OneUN joint programme-Health & Population Component in Pakistan.
- **National MNCH programme (2011):** Operational Research to assess the disaster preparedness of the Humanitarian Support Program and to develop an early recovery plan for EmONC in the flood affected districts of Pakistan.
- **Provincial Health Development Centre (PHDC) and RAF (2011):** Critical appraisal of the report on Baseline Survey of Eight Key Family Practices in Sindh.
- **Marie Stopes Society, Pakistan. (2011-12)**
  - Perceptions and understanding of the legal community on unsafe abortions in Pakistan.
  - Effectiveness of Femplant-a new implant introduced for long term birth spacing.
  - Improving access to Post-abortion care services through community workers of MSS.
  - Role of franchising and vouchers on improving the utilization of IUCDs in MSS centers.
- **PATH (2011):** Designing acceptability study for Uniject™, for health care providers in private sector.
- **World Health Organization-EMRO (2010):** Impact evaluation of regional workshops on the role of health care professionals in achieving MDGs 4 and 5.
- **LEAD Pakistan (2010):** Trainer for Leadership in Reproductive Health trainings for the district personnel.
- **SEDC-Lahore University of Management Sciences (LUMS) (2010):** Trainer for Leadership in Reproductive Health trainings for representatives of NGOs, for-profit and corporate organizations.
- **World Bank (2009):** Developed "Health systems and financing" background papers for Pakistan and Afghanistan.
- **Aga Khan Agency for Microfinance (2008):** Willingness to pay study for Micro Health Insurance package for improving maternal health outcomes in Karachi.
- **National Institute for Population Studies (NIPS) (2002):** Training on RTIs / STIs to anthropologists, sociologists and doctors.
- **Family Planning Association of Pakistan (FPAP) (2002):** Training of Doctors, LHV's, Field motivators on RH counseling skills and community mobilization.
- **Reproductive Health Alliance for Integrated Development (RH-AID) (2001-2002):**
  - Developed technical and financial proposal for "Advocacy in Reproductive health", a project of UNFPA.
  - Report writing of End-term evaluation of "Maternal Health Project" of Médecins du Monde, Khanpur, Distt. Rahim Yar Khan.
  - Baseline survey of Reproductive health knowledge, use of services and needs assessment in 20 villages of Lahore. A project of Community Support Concern, Lahore, DFID and Population Concern, USA.
  - Dissemination of curriculum & modules on Reproductive health package for training of LHWs, FWWs and FTOs for World Population Foundation, Islamabad.
- **Greenstar Social Marketing (2000):** Developing manual on "Quality Services in General Practice" for Green Star General Practitioners.
- **Behbud Association of Pakistan (2000):**
  - Designing, implementation & monitoring of Project, "Integrated Family health Project for Married women of Reproductive age", David & Lucile Packard Foundation, US and World Population Foundation, Holland.
  - Supervision and Monitoring of Project, "Men as Partners", funded by AVSC International.

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## PROFESSIONAL EXPERIENCE

- **Health Systems, Community Development & Capacity Building**
  - Lead person, "Primary health care & Health Systems Development", Training of District Support Managers of People's Primary Healthcare Initiative (PPHI), funded by USAID.

- Lead person, "Primary health care & MDGs", Training of MOs and WMOs of People's Primary Healthcare Initiative (PPHI), funded by USAID.
- Lead person, "Leadership in Family Planning & Reproductive Health". Training mid career health & population managers in the public and private sector, funded by David & Lucile Packard Foundation, US.
- Team member, "Millennium Development Goals: Poverty Reduction, Reproductive Health & Health Sector Reforms". Training mid career health & population managers in the public and private sector, funded by David & Lucile Packard Foundation, US, technical support by World Bank Institute, Washington DC.
- Lead person, "Leadership in Family Planning & Reproductive Health". International Health Programs, Public Health Institute, Santa Cruz US.
- Principal Coordinator, Rural Community Development Project, a joint venture of AKU, Red Crescent and Lasmo Oil & Petroleum.
- Technical Advisor, "Benchmarks of Fairness in Health Care System", funded by Rockefeller Foundation.
- Technical Advisor, "Towards Engendering Health Care System: Adapting training modules for Reproductive health services in Pakistan", funded by AKF Geneva.
- Team member, "Public Health Management", certificate course for Ministry of Public Health Afghanistan and NGOs, funded by The Health Services Project, USAID.
- **Teaching**
  - *PhD level courses:* Advanced Health Systems Research, Health sector reforms, International health, Comparative Health Systems and Policy Analysis; Strategic planning in health sector of developing countries
  - *Graduate level courses:* District Health Planning; Comparative Organization of Health care systems, Strategic Planning and Social Marketing, Social determinants of Health, Principles of Public health, Epidemiology & Health Policy, Political Economy of Health Policy & Reforms, Health systems research, Reproductive health.
  - *Undergraduate level:* Health Systems, Health Policy.
  - *Continuing Education Program:* Health systems management and Research; Primary Health Care; Reproductive health research; Community based social development; MDGs, Health sector reforms & Poverty reduction; Leadership in Family Planning and RH, Social protection and health care financing.
- **Research**
  - Country Lead, "Central Asia Health System Strengthening in Pakistan, Afghanistan, Tajikistan & Kyrgyzstan", funded by DFATD.
  - Co-PI, "Role of Community based Saving Groups in promoting the utilization of Community Midwives services in Chitral", funded by USAID.
  - PI, Evaluating the impact of training on Primary health care & Health Systems Development, PPHI; funded by USAID.
  - PI, "Introducing quality of care dimension in HMIS for improved patient satisfaction", funded by WHO-EMRO.
  - PI, "Studying determinants of Health seeking behavior and health service utilization in Northern areas", funded by AKF-Geneva.
  - PI, "Engendering the health system: improving the quality of health services for women", funded by WHO-EMRO.
  - Co-PI, "Better Strategic Management of hospitals: testing of Balanced Score Card Approach at AKUH Karachi Pakistan", funded by Aga Khan University, Karachi.
  - Co-PI, "North South Networking for Health Administration Research and Training: AKU and Karolinska Institutet in Limelight", funded by Swedish South Asian Network, Stockholm.
- **PhD Research supervised:**
  1. **Azam Z.** Anti-microbial resistance: determining the push and pull factors in health system of Pakistan. Health Services Academy, Islamabad.
  2. **Zafar S.** Improving nutritional and health status of adolescent girls by harnessing health system: A window of opportunity to save future generations from malnutrition. Health Services Academy, Islamabad.
  3. **Abbas S.** Factors influencing health outcomes and financial wellbeing of patients with drug resistant tuberculosis (DR-TB): a mixed methods study in Punjab, Pakistan. Nossal Institute of Global Health; University of Melbourne, Australia.

4. **Basharat S.** Integrating oral cancer screening at the primary health care level in Pakistan – Assessing the need, rationale and modalities. Health Services Academy, Islamabad.
5. **Abdullah A.** The HIV/AIDS epidemic in Pakistan and the health system's capacity to cope with the threat. Health Services Academy, Islamabad.
6. **Kumar R.** Ascertaining the effectiveness of Intensive Healthcare Waste Management Model regarding hospital waste at tertiary care hospitals of Rawalpindi Pakistan: A randomized control trial. Chulalongkorn University, Bangkok.

- **Graduate MSc/MS level Research supervised:**

1. Assessment of newborn care practices in tertiary care hospitals of Rawalpindi.
2. Health seeking behavior of parents/guardians regarding dental caries in their children between 6-15 years of age in district Chakwal, A cross-sectional study.
3. Association of oral health during pregnancy with birth outcomes: A comparative cross sectional study from district Rawalpindi.
4. Cultural beliefs, local perceptions and practices regarding immediate neonatal care: A mixed method study in Rawalpindi.
5. Knowledge and perceptions of expecting and lactating women about exclusive breastfeeding attending Ayub Teaching Hospital, Abbottabad.
6. Understanding the barriers in accessing reproductive health services by married women of reproductive age, living in slums of Islamabad: A qualitative study.
7. Out of pocket expenditure on Thalassemia major and its implications on the household economics: A cross sectional study.
8. Exploring the health system related factors for the failure of family planning programs in Pakistan: A descriptive qualitative study.
9. Low utilization of postnatal care: searching the window of opportunity to save mothers and newborns lives in Islamabad Capital Territory, Pakistan
10. Role of development partners in MNCH programs in Pakistan: A critical stock taking in post devolution times.
11. Induced abortions: expositions, destinations, repercussions. A qualitative study with clients and providers in District Rawalpindi.
12. Exploring reasons for low use of IUCDs among married women of child bearing age, District Rawalpindi.
13. Health care seeking patterns and out of pocket expenditure for children under 5 in slums of Islamabad.
14. Expected vs actual state of responsiveness in 2 secondary care hospitals of Muzaffarabad, AJK.
15. Accessibility of basic EmOC services in district Neelum, AJK: a situation analysis.
16. Health seeking behaviours of mothers regarding neonatal care in urban and rural areas of Muzaffarabad, AJK.
17. Use of evidence in policy making-case study of MNCH program in Pakistan.
18. Communication, coordination and complementation between LHWs and CMWs: a program analysis.
19. Factors affecting engagement of NGOs for health systems strengthening in Pakistan-developing a framework for meaningful public-private partnership.
20. Availability and affordability of essential medicines-exploring the effects on health seeking behaviors and health services utilization for children under-5 years, living in a squatter settlement of Karachi, Pakistan.
21. Factors affecting retention & motivation of doctors working in basic health units of district, Abbottabad, Pakistan.
22. Reproductive Health Programmes of Pakistan: Stand alone or integrated?
23. Effect of result-based funding mechanisms on maternal and child health: a systematic literature review.
24. ICPD to MDGs - a quest for common grounds: Where do we stand and what needs to be done?
25. Reproductive health & Rights: A qualitative inquiry with women on their perceptions, beliefs and practices in a peri-urban area of Karachi, Pakistan.

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**SHORT COURSES/TRAININGS ATTENDED**

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| <b>2017</b> | <b>Health system strengthening for Universal Health Coverage.</b> WHO EMRO/Dubai Harvard Foundation, Dubai. |
| <b>2015</b> | <b>Population health.</b> University of Manchester, Manchester.   |

- 2015 **Introduction to Global Health.** School of Global Health. University of Copenhagen, Copenhagen.
- 2014 **Health for All through Primary Healthcare.** Bloomberg School of Public health, Johns Hopkins University, Baltimore.
- 2013 **Contraception: Choices, Culture and Consequences.** University of California, San Francisco.
- 2011 **Healthcare in federally organized countries: Choices and challenges for Pakistan.** Centre for Civic Education, Pakistan and Forum of Federations, Germany.
- 2010 **Basics of Health economics.** World Bank Institute, e-learning.
- 2010 **Public private partnership for Health Systems Strengthening.** World Bank Institute, Bali.
- 2006 **Achieving the Millennium Development Goals: Poverty Reduction, Reproductive Health and Health Sector Reforms.** World Bank Institute, Bangkok.
- 2003 **Social Marketing.** NGO Resource Center, Karachi.
- 2003 **Preparation and Procedures of Processing and Approval of development Projects in Pakistan.** Aga Khan University, Karachi.
- 2003 **Needs assessment for training in Healthcare Systems Management.** College of Physicians & Surgeons of Pakistan, Karachi.
- 2002 **Project Development & Management.** NGO Resource Center, Karachi.
- 2002 **Health Systems Research & Management.** Aga Khan University, Karachi.
- 2002 **Monitoring & Evaluation of Population & Reproductive Health Programs.** Population Council, Health Services Academy, Islamabad and Johns Hopkins University, Maryland, USA.
- 2001 **Statistics, Data management & Analysis methodology.** National Institute of Population Studies, Islamabad; Population Council, Islamabad and Aga Khan University, Karachi.
- 1997 **Training of Trainers in family planning.** Population Services International, Washington DC, USA.
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## PUBLICATIONS

### Theses

- Identifying & analyzing the health related needs of the students living in the university residences. **MPH Thesis**; School of Public Health, Nancy, France. 1998-99.
- Determinants of health seeking behavior and health service utilization: An analytical study in Northern Areas, Pakistan. **PhD Thesis**; Liverpool School of Tropical Medicine, University of Liverpool, UK. 2004-2008.

### Books

1. **Shaikh BT.** (2018). Devolution in Health sector. In: Text Book of Community Medicine/Public Health. Paramount Publishing, Karachi. pp 99-104.
2. **Shaikh, BT.** Health Care System in Pakistan. In: Himanshu Sekhar Rout (Ed.) *Health Care Systems: A Global Survey*. New Century Publications, New Delhi: 2011; pp. 434-454. **ISBN:** 978-81-7708-279-1
3. Kumar R, **Shaikh BT**, Ahmed J. *Role of Health Management Information System in Disease Reporting: Health Informatics in Pakistan*. Lambert Academic Publishing, Saarbrücken: 2012. **ISBN:** 978-3847345251
4. **Shaikh BT.** *Health Seeking Behaviours and Health Service Utilization: Implications for Health System & Policy in Pakistan*. Lambert Academic Publishing, Saarbrücken: 2012. **ISBN:** 978-3848412204
5. Kumar R, Hafeez A, **Shaikh BT.** *Job satisfaction amongst public health professionals in public sector of Pakistan*. Lambert Academic Publishing, Saarbrücken: 2012. **ISBN:** 978-3848448289
6. **Shaikh BT**, Azmat SK, Mazhar A. *Family Planning and Contraception in Islamic Countries: An annotated bibliography*. Lambert Academic Publishing, Saarbrücken: 2012. **ISBN-10:** 3659216615

### Peer Reviewed Articles

1. **Shaikh BT**, Rabbani F. District health system- a challenge that still remains. *Eastern Mediterranean Health Journal* 2004; 10(1/2):208-214.

2. Mahmood Q, Rabbani F, **Shaikh BT** et al. Community health-a case study. *NGORC Journal* 2003; p 19. <http://www.ngorc.org.pk/journal/Archive/Journal-Dec2003.pdf>
3. **Shaikh BT** et al. Stress management among medical students. *Journal of College of Physicians & Surgeons Pakistan* 2004; 14(5):306.
4. **Shaikh BT**. Health systems research and management: building capacity of district health managers. *Journal of College of Physicians & Surgeons Pakistan* 2004; 14(7):449.
5. **Shaikh BT** et al. Students, stress and coping strategies: a case of Pakistani medical school. *Education for Health (Abingdon)* 2004; 17(3):346-353.
6. **Shaikh BT**. Engendering our health system. *Journal of Gender and Social issues* 2004; 3(2):11-15.
7. **Shaikh BT**, Hatcher J. Health seeking behavior and health services utilization in Pakistan: challenging the policy makers. *Journal of Public Health (Oxford)*. 2005; 27(1):49-54.
8. **Shaikh BT**, Rabbani F. Medical education: let's change the emphases. *Journal of College of Physicians & Surgeons Pakistan* 2005; 15(3): 189.
9. **Shaikh BT**, Hatcher J, Qazi S. Complementary and alternative medicine in Pakistan: prospects and limitations. *Journal of Evidence based Complementary and Alternative Medicine* 2005; 2(2):139-142.
10. Husain S, **Shaikh BT**. Stalling the HIV/AIDS epidemic in Pakistan through social marketing. *Journal of Pakistan Medical Association* 2005; 55 (7): 294-298.
11. Rabbani F, **Shaikh BT** et al. Medical education and training: responding to the community needs. *Medical Science Monitor* 2005; 11(10): SR21-25.
12. **Shaikh BT**. Quality of care: an absolute necessity for patient satisfaction. *Journal of Pakistan Medical Association* 2005; 55(11): 515-516.
13. Multiple authors, **Shaikh BT**. The need for research in primary care to solve global health problems. Position paper. *The Network for Unity in Health* 2005. [http://www.the-networktufh.org/publications\\_resources/positioncontent.asp?id=12&t=Position+Papers](http://www.the-networktufh.org/publications_resources/positioncontent.asp?id=12&t=Position+Papers)
14. **Shaikh BT**, Rabbani F. Health management information system: a potential tool to gauge patient satisfaction and quality of care. *Eastern Mediterranean Health Journal* 2005; 11(1/2):192-198.
15. **Shaikh BT**, Kadir MM, Hatcher J. Health care and Public health in South Asia. *Public Health* 2006; 120(2): 142-144.
16. **Shaikh BT**, Deschamps JP. Life in a university residence: issues, concerns and responses. *Education for Health (Abingdon)* 2006; 19(1): 43-51.
17. **Shaikh BT**. The earthquake aftermath in Pakistan: unearthing the most vulnerable. *Journal of Pakistan Medical Association* 2006; 56(3):146.
18. Rabbani F, **Shaikh BT**, Wamala S. Living with globalization: a menace or a chance? *Journal of Pakistan Medical Association* 2006; 56(4):195-196.
19. Qureshi N, **Shaikh BT**. Myths, fallacies and misconceptions: applying social marketing for promoting appropriate health seeking behavior in Pakistan. *Anthropology & Medicine* 2006; 13(2):131-139.
20. **Shaikh BT**, Rabbani F, Rahim M. Health workers for change: a tool for promoting behavior change among health providers. *Eastern Mediterranean Health Journal* 2006; 12(3/4):331-339.
21. **Shaikh BT**, Rahim ST. Assessing knowledge, exploring needs: a reproductive health survey of adolescents and young adults in Pakistan. *European Journal of Contraception and Reproductive Health Care* 2006; 11(2):132-7.
22. **Shaikh BT**, Hatcher J, Haran D. Making healthcare systems more responsive to women in Pakistan. *British Medical Journal* 2006; 333:971.
23. Qazi S, **Shaikh BT**. Social marketing of insecticide treated nets: making a case for Pakistan. *Eastern Mediterranean Health Journal* 2007; 13(2): 449-456.
24. **Shaikh BT**, Kadir MM, Pappas G. Thirty years of Alma Ata pledges: Is devolution in Pakistan an opportunity for rekindling primary health care? *Journal of Pakistan Medical Association* 2007; 57(5): 259-261.

25. Mangrio N, **Shaikh BT**, Alam MM. Issues and challenges in Expanded Programme on Immunization in Sindh, Pakistan. *Journal of College of Physicians & Surgeons Pakistan* 2007; 17(5):308-309.
26. **Shaikh BT**, Hatcher J. Health seeking behaviour and health services utilization trends in national health survey of Pakistan: What needs to be done? *Journal of Pakistan Medical Association* 2007; 57(8): 411-414.
27. **Shaikh BT**, Reza S, Afzal M, Rabbani, F. Gender sensitization among health providers and communities through transformative learning tools: experiences from Karachi, Pakistan. *Education for Health* 2007; 7 (online): 118.
28. **Shaikh BT**. Reproductive health matters, rather more for adolescents! *Journal of Pakistan Medical Association* 2007; 57(10): 521-522.
29. Qureshi N, **Shaikh BT**. Women empowerment and health: analyzing the role of institutions of power in Pakistan. *Eastern Mediterranean Health Journal* 2007; 13(6):1459-1465.
30. **Shaikh BT**, Ali RP, Qureshi N, Azam SI. Approach, attitude and attributes of a physician: what do patients look for? *Medicine Today* 2007; 5(3): 74-77.
31. **Shaikh BT**. Developing an equitable and gender sensitive health system for women of reproductive age. *Medicine Today* 2008; 6(1): 148-151.
32. **Shaikh BT**, Haran D, Hatcher J, Azam SI. Studying health seeking behaviours: collecting reliable data, conducting comprehensive analysis. *Journal of Biosocial Sciences* 2008; 40: 53-68.
33. **Shaikh BT**. Understanding social determinants of health seeking behaviors, providing a rational framework for health policy and systems development. *Journal of Pakistan Medical Association* 2008; 58(1): 33-36.
34. Mangrio N, Alam MM, **Shaikh BT**. Is Expanded Programme on Immunization doing enough? Viewpoint of Health workers and Managers in Sindh, Pakistan. *Journal of Pakistan Medical Association* 2008; 58(2):64-67.
35. **Shaikh BT**, Mobeen N, Azam SI, Rabbani F. Using SERVQUAL for assessing and improving patient satisfaction at a rural health facility in Pakistan. *Eastern Mediterranean Health Journal* 2008; 14(2): 447-456.
36. Abrejo FG, **Shaikh BT**. Social Health Insurance: can we ever make a case for Pakistan? *Journal of Pakistan Medical Association* 2008; 58(5): 267-270.
37. **Shaikh BT**, Haran D, Hatcher J. Where do they go, whom do they consult and why: an ethnographic study on health seeking behaviors in the Northern areas of Pakistan. *Qualitative Health Research* 2008; 18(6): 747-755.
38. **Shaikh BT**. Marching toward the millennium development goals: what about health system, health seeking behaviors and health service utilization in Pakistan? *World Health & Population* 2008; 10(2): 44-52.
39. **Shaikh BT**. Marching toward the millennium development goals: what about health system, health seeking behaviors and health service utilization in Pakistan? *Healthcare Quarterly* 2008; 11(4):104-10.
40. Ahmed J, **Shaikh BT**. Global research collaboration for priority setting in health systems in developing countries. *Journal of Pakistan Medical Association* 2008; 59(8): 472-473.
41. Ahmed J, **Shaikh BT**. An all time low budget for health care in Pakistan. *Journal of College of Physicians & Surgeons Pakistan* 2008; 18(6): 388-391.
42. **Shaikh BT**, Haran D, Hatcher J. Women's social position and health seeking behaviors: Is healthcare system accessible and responsive in Pakistan? *Healthcare for Women International* 2008; 29 (8/9): 945-959.
43. Abrejo FG, **Shaikh BT**, Saleem S. ICPD to MDGs: the missing links and the common grounds. *BMC Reproductive Health* 2008; 5:4.
44. Abrejo FG, **Shaikh BT**, Rizvi N. 'And they kill me, only because I am a girl'...A review of sex selective abortions in South Asia. *European Journal of Contraception and Reproductive Health Care* 2009; 14(1):10-16.
45. Ahmed J, **Shaikh BT**. The many faces of supplier induced demand in health care. *Iranian Journal of Public health* 2009; 38 (2):139-141.
46. Ejaz I, **Shaikh BT**. Social marketing for early neonatal care: saving newborn lives in Pakistan. *World Health & Population* 2010; 11(3): 18-24.



47. Rabbani F, Jafri SMW, Abbas F, Shah M, Azam SI, **Shaikh BT**, Brommels M, Tomson G. Designing a balanced scorecard for a tertiary care hospital in Pakistan: A modified Delphi group exercise. *International Journal of Health Planning and Management* 2010; 25 (1): 74-90.
48. **Shaikh BT**, Rabbani F, Safi N, Dawar Z. Contracting of primary health care services in Pakistan: is up-scaling a pragmatic thinking? *Journal of Pakistan Medical Association* 2010; 60(5): 387-389.
49. **Shaikh BT**. Unmet need for family planning in Pakistan-PDHS 2006-7: It's time to re-examine déjà vu. *Open Access Journal of Contraception* 2010; 1: 113-118.
50. Ejaz I, **Shaikh BT**, Rizvi N. NGOs and government partnership for health systems strengthening: A qualitative study presenting viewpoints of government, NGOs and donors in Pakistan. *BMC Health Services Research* 2011; 11(1):122.
51. **Shaikh BT**, Haran D. Treating common illnesses among children under 5 years: a portrayal of health seeking behaviors and practices in the Northern areas of Pakistan. *World Health & Population*. 2011; 12(4):24-34.
52. Ahmed J, **Shaikh BT**. The state of affairs at primary health care facilities in Pakistan: where is the state's stewardship?. *Eastern Mediterranean Health Journal* 2011; 17(7): 619-623.
53. **Shaikh BT**. Do we need to be skeptical about Millennium Development Goals? *Pakistan Journal of Public Health* 2011; 1(1):56-58.
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#### PAPERS /POSTERS PRESENTED IN CONFERENCES/SYMPOSIUMS

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2. **Shaikh BT**. Health system barriers and levers in implementation of the Expanded Program on Immunization (EPI) in Pakistan. International Conference on Life Sciences and Human Health System Engineering – Multidisciplinary & Interdisciplinary Approach – 15-16 January, 2018, Fazaia Medical College, Air University, Islamabad.
3. **Shaikh BT**. Governance & Equity as seen in Health Systems. 2 days workshop on 'Public sector of Pakistan: Social equity imperatives and Governance dynamics Post 18<sup>th</sup> amendment'. Center of Policy Studies. 17 & 18 November 2016, COMSATS Institute of Information Technology, Islamabad.

4. **Shaikh BT.** Community Based Saving Groups: An indigenous financing mechanism to increase care seeking from skilled birth attendants in disadvantaged communities of Pakistan. 7<sup>th</sup> Annual Public Health Conference. 13-14 December 2016, Health Services Academy, Islamabad.
5. Pervaiz F, **Shaikh BT.** Ethical considerations in conducting research with post disaster exposed populations: A developing country's perspective. Surgeon General International Conference. 27-29 April 2016. Islamabad.
6. **Shaikh BT.** Public health in the times of disasters in Pakistan: Readiness and preparedness of health system. Surgeon General International Conference. 27-29 April 2016. Islamabad.
7. **Shaikh BT.** Translating Health Systems Research-to-Policy. International Conference on Cardiovascular Diseases. 8-10 April 2015. Islamabad.
8. **Shaikh BT.** Cardiovascular Research in Pakistan: Challenges and Opportunities. International Conference on Cardiovascular Diseases. 4-6 March 2015. Islamabad.
9. **Shaikh BT.** Improving governance in health system for better MNCH services in Gilgit Baltistan, Pakistan. Canadian Conference on Global Health. 2-4<sup>th</sup> November 2014. Ottawa.
10. Kumar R, Somrongthong R, **Shaikh BT.** Effectiveness of intensive healthcare waste management model among health professionals at teaching hospitals of Pakistan: Quasi-experimental study in 46<sup>th</sup> Asia-Pacific Academic Consortium for Public Health (APACPH) Conference, 17-19 Oct 2014, Malaysia.
11. Kumar R, Somrongthong R, **Shaikh BT.** Healthcare waste management in Pakistan in 14<sup>th</sup> International Conference of Public Health Sciences, 1st Oct 2014, Thailand.
12. Kumar R, Somrongthong R, **Shaikh BT.** Infectious waste management in Pakistan in 7<sup>th</sup> International Environmental Conference on 9-13 June 2014. Houston, USA.
13. Mazhar A, **Shaikh BT.** Role of community based health workers in promotion of essential MNCH in Northern region of Pakistan: Mother Care & Child Survival Program. Public Health Conference. 12-14 July 2014, Thailand.
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37. Pappas G, **Shaikh BT**, Rabbani F. Three Myths about the role of the private sector in healthcare delivery and its relations to government: A case study of Pakistan. Health Sciences Research Assembly, Aga Khan University 2007.
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  47. Rabbani F, **Shaikh BT**, Rahim M. Health Systems: meeting needs versus meeting demands in the new millennium. Learning and practicing Medicine in the new millennium. CPSP and Bangladesh College of Physicians & Surgeons. 2004.
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#### HONOURS/DISTINCTIONS

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  4. Approved PhD Supervisor by the Higher Education Commission, Pakistan.
  5. Founder Executive Editor of Pakistan Journal of Public Health.
  6. Founder Program Coordinator, PhD Public Health, Health Services Academy, Islamabad.
  7. Visiting faculty: AKU, HSA, DUHS, NUST, AFGMI, PIDE, NUMS, LUMS
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#### REVIEWER

- British Medical Journal
  - Bulletin of the World Health Organization
  - Pan-American Journal of Public health
  - Health Policy & Planning
  - Social Science & Medicine
  - Public Health (Royal Institute)
  - Journal of Epidemiology & Community Health
  - PLoS
  - Development in Practice
  - BMC Public health
  - BMC Health Services Research (Associate Editor)
  - Journal of Infection & Public health
  - Journal of Social Medicine
  - BMC Medical Education
  - International Journal of Equity in Health. BioMed Central
  - Asia Pacific Journal of Public health.
  - Journal of Pakistan Medical Association
  - World Health and Population. Longwood.
  - Journal of Family Planning & Reproductive Health Care
  - Evidence Based Complementary and Alternative Medicine.
  - Journal of Depression and Anxiety. John Wiley & Sons, Inc.
  - Journal of Clinical Practice and Epidemiology in Mental Health
  - Journal of Affective Disorders. ELSEVIER.
  - Journal of Social Aspects of HIV/AIDS
  - BMC International Health and Human Rights.
- 

#### COMPUTER ACQUAINTANCE

- MS Office for Windows
  - Epi Info / Epi Data/ Epi Calc/ SPSS
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**REFERENCES** will be furnished on request.