CHS Grants from 2006 - 2015

- Aspirin Supplementation for Pregnancy Indicated Risk Reduction In Nulliparas; Funding;
 Columbia University USA; PI: Dr. Sarah Saleem
- Primary Care Strategies to Reduce High Blood Pressure: A Cluster Randomized Trial in Rural Bangladesh, Pakistan and Sri Lanka; Funding: Duke-NUS Graduate Medical School, Singapore; PI: Dr. Imtiaz Jehan
- Assessment of RFH Programe; Funding: Option Consultancy Services (Pvt) Ltd.; PI: Dr.
 Sarah Saleem
- Pakistan Prevention Programme for Gestational Diabetes Mellitus (PPP-GDM): a feasibility study; Funding: The University of Birmingham UK; PI: **Dr. Romain Igbal**
- Pakistan Prevention Programme for Gestational Diabetes Mellitus (PPP-GDM): a feasibility study; Funding: The University of Birmingham UK; PI: **Dr. Romain Iqbal**
- Graduate Courses for Department of Health, Government of Sindh By M.Sc. Health Policy & Management Aga Khan University, Karachi, Supported by John Snow International; Funding: USAID Islamabad; PI: Dr. Shehla Zaidi
- Assessing role of Marginalized Community and Impact on Strengthening Health System of Gilgit Baltistan and Chirtral; Funding: Aga Khan Foundation – Canada; Pl: Dr. Rozina Karmalian.
- Multifaceted intervention package for protection against cotton dust exposure among textile workers; Funding: Higher Education Commission – Pakistan; PI: Dr. Assad Nafees.
- SPSS-Statistical Package for the Social Sciences; Funding: Sanofi Aventis Pakistan Limited; PI: Mr. Syed Iqbal Azam Shah.
- Assessment of progress, performance and impact Karachi Health Initiative Aman Health Care - Sukh Initiative; Funding: Amman Health Care Services; PI: Dr. Sara Saleem.
- The Impact of Socio-Economic and Cultural Factors on Household Food Insecurity of Refugees; Funding: University of Saskatchewan – Canada; Pl: Dr. Romaina Igbal.
- Planning Grant for Center of Excellence for Women and Child Collaborative study with Department of Pediatric; Funding: Bill & Melinda Gates Foundation; Pl: Dr. Zulfiqar Ahmed Bhutta.
- Strengthening Capacity of Students, health Managers and Researchers to identify and address implementation challenges during the deployment of disease control program in Pakistan; Funding: World Health Organization; PI: **Dr. Shagufta Perveen**

- Post Measles Campaign Vaccination Coverage Survey in 22 Districts and Town of Hyderabad and Karachi in Sind province; Funding: World Health Organization; PI: Dr. Omrana Pasha.
- To develop a scorecard/ranking of how well countries are doing to reduce the burden of non-communicable disease (NCD); Funding: Collaborating for Health (C3); Dr. Masood Kadir.
- The Aghahi Program: A health awareness model of University Community Partnership.
- Assessment of Methyl Mercury in Scalp Hair of Women (15-45 years) in Rehri Goth Sind, Pakistan; University Research Council (URC) The Aga Khan University Karachi Pakistan; Pl: Dr. Asad Ali Khan.
- Hospital management course for the capacity building of Eastern Mediterranean Region (EMR) Countries, funding: WHO EMRO. Pl: Dr. Fauziah Rabbani.
- Health risk assessment of dietary intake of lead and arsenic, funding: Jichi Medical University, JMU (through Ministry of Health Welfare and Labor (MHWL), Japan). Pl: Dr. Zafar Fatmi.
- Assessment of progress, performance and impact Karachi Health Initiative Aman Health Care - Sukh Initiative, funding: Aman Health Care Services, Aman Foundation. Pl: Dr. Sarah Saleem.
- Integrated primary care strategies to reduce high blood pressure a cluster randomized trial in rural Pakistan, Sri Lanka and Bangladesh, funding: Duke-NUS Graduate Medical School, Singapore through funds from Wellcome Trust, UK. Pl: **Dr. Imtiaz Jehan.**
- Evaluating Non Communicable Diseases (NCD) integration into Primary Health Care (PHC), funding: WHO EMRO. Pl: **Dr. Shehla Zaidi.**
- South Asian Health and Wellness Tracking Program (Centre for Cardio-metabolic Risk Reduction for South Asia (CARRS): surveillance study), funding: Emory University funded by National Heart Lung and Blood Institute (NHLBI) NIH, USA. PI: **Dr. Masood Kadir.**
- Project Nigraan: addressing structural gaps in supervisory system of Pakistan's Lady Health Worker Program to achieve Mdg 4, funding: Department of Maternal, Newborn, Child and Adolescent Health (MNCAH) – WHO, Geneva. Pl: Dr. Fauziah Rabbani.
- Prevalence and predictors of COPD in adult population of Karachi, Pakistan the BOLD-Pakistan component. Pl: **Dr. Asaad Nafees.**
- Environmental and Occupational Health Course, funding: Serena Hotel, Islamabad. Pl: Dr. Zafar Fatmi.
- Tailor-made Training (NFP -TM) on addressing governance, gender and disasters in a fragile health system, funding: Royal Tropical Institute Amsterdam, The Netherlands funded

- by Nuffic. PI: Dr. Fauziah Rabbani.
- Prevalence and predictors of asthma in adult population of Karachi, Pakistan, funding: Seed Money, The Aga Khan University Karachi Pakistan. Pl: **Dr. Asaad Nafees.**
- Course on qualitative research methods and analysis, funding: Marie Stopes Society Karachi, Pakistan. Pl: Dr. Tazeen S. Ali.
- Management (planning, leadership, and budgeting) training for mid-level health managers in DOH, funding: Save the Children, Quetta Pakistan. Pl: **Dr. Tazeen S. Ali.**
- Multifaceted intervention package for protection against cotton dust exposure among textile
 workers, funding: Higher Education Commission (HEC), Pakistan and University Research
 Council (URC) The Aga Khan University Karachi Pakistan. Pl: Dr. Asaad Nafees.
- Non-Communicable Diseases PC-1, funding: Department of Health, Government of Sindh, Pakistan. PI: Dr Narjis Rizvi.
- Women First (Preconception maternal nutrition), funding: University of Colorado, Denver, US, funded by Bill and Melinda Gates Foundation. Pl: **Dr. Omrana Pasha.**
- Impact of improved stove intervention in lowering HAP exposure in women and children in a rural area, funding: ITREOH grant NIH, USA. PI: **Dr. Zafar Fatmi**.
- Factors influencing the choice of Family planning (FP) methods among married women, funding: Merlin International. Pl: **Dr. Farid ul Hasnain.**
- Comparison of time-location pattern of undergraduate university students of Asian countries: The Pakistan component, funding: Graduate School of Public Health, Seoul National University, South Korea. Pl: **Dr. Asaad Nafees.**
- First look: ultrasound use to improve pregnancy outcomes in low income country settings, funding: Research Triangle Institute, with funding from the Bill and Melinda Gates Foundation and GE Healthcare. Pl: Dr. Sarah Saleem.
- Development of Operational Plans based on the outcomes and outputs of the Sindh Health Sector Strategy, funding: Technical Resource Facility, Islamabad funded by DFID and AusAid. Pl: Dr. Shehla Zaidi.
- Association of tuberculosis with indoor air pollution due to biomass use among women of Gadap Town, Karachi - A pilot study, funding: University Research Council (URC) The Aga Khan University Karachi Pakistan. Pl: Dr. Ambreen Kazi
- A service provision assessment of maternal-newborn care in Karachi, funding: The Aman Foundation, Pakistan. PI: **Dr. Sarah Saleem.**

- Hospital management training for mid-level health managers-AJK, funding: The Technical Resource Facility (TRF) Project, Islamabad funded by DFID and AusAID. Pl: Dr. Fauziah Rabbani.
- Environmental pollution health hazards in parts of Makkah-Madina-Jeddah cities, funding: Unit of Ain Zubaida and Groundwater Research, King Abdul Aziz University, Jeddah, Saudi Arabia. Pl: Dr. Zafar Fatmi.
- Providing quality family planning and post abortion care services: A capacity building initiative for healthcare service providers, funding: Merlin Islamabad, Pakistan. Pl: Dr. Neelofar Sami.
- Introductory course on data management and statistical analysis, funding: Marie Stopes Society Karachi, Pakistan. Pl: **Ms. Saba Wasim.**
- Role of Community Based Savings Groups (CBSGs) in increasing utilization of Community Midwives in Chitral district of Pakistan, funding: Aga Khan Foundation (Pakistan) funded by RAF. PI: Mr. Iqbal Azam.
- Pregnancy outcome of Pakistani women with psychiatric disorders- a retrospective cohort study, funding: None. Pl: **Dr. Sarah Saleem.**
- Improving maternal and child health through research, training and health services:
 Badakhshan, Afghanistan, funding: Agence Française de Développement (AFD). PI: Dr.
 Omrana Pasha.
- Antenatal Corticosteroids Trial in preterm births to increase neonatal survival in developing countries (ACT), funding: Columbia University, with funding from the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), USA. Pl. Dr. Sarah Saleem.
- Improvement in access and equity for maternal and neonatal health services: Comparative advantages of contracted out versus non-contracted out facilities, funding: Research Advocacy Fund (RAF), Islamabad Pakistan. PI: Dr. Shehla Zaidi.
- Control of blood pressure and risk attenuation-post trial follow-up (COBRA Study), funding: Wellcome Trust, UK. Interim PI and Co-PI: Dr. Imtiaz Jehan, PI: Dr. Tazeen Jafar on long leave from AKU.
- Developing capacity in epidemiology and health policy for improved Biosurveillance in Pakistan, funding: Drexel University funded by NIH, USA. Pl: Dr. **Omrana Pasha.**
- Technical Advisor to facilitate documentation of learning needs, funding: Rutgers WPF National Learning Forum for the project of Learning Work Trajectory. Pl: Ms. Kausar S. Khan.

- Pilot study of an indicator to measure Intrapartum stillbirth and immediate neonatal death (ISINDI), funding: Global Alliance to Prevent Prematurity and Stillbirth Maternal Health Task Force via Research Triangle Institute (RTI), USA. Pl: **Dr. Omrana Pasha**.
- Knowledge, attitude and behavior of secondary school teachers regarding global climate change in Karachi, funding: ITREOH grant - University of Alabama at Birmingham funded by NIH, USA. PI: Dr. Asad Afridi.
- Assessing effectiveness of Tuberculosis DOTS program among public and public private mix facilities in Karachi: A cross sectional survey, funding: Firland Foundation, USA. PI: Dr. Zafar Fatmi.
- Water, sanitation, health and hygiene interventions in a northern Pakistani village: 15 year follow-up of diarrheal disease, pneumonia, childhood growth, water quality and latrine microbiology, with special emphasis on impact assessment of pit latrine (chukan/chaksa) content used as agricultural manure in Gilgit-Baltistan, funding: Fogarty International Center (NIH), USA. Pl: Mr. Iqbal Azam.
- Association of acute coronary syndrome with IAP due to biomass use among women of rural Sindh, Pakistan - A pilot study, funding: ITREOH grant - University of Alabama at Birmingham funded by NIH, USA. PI: Dr. Zafar Fatmi.
- Identification of priority policy research questions in the area of access to and use of medicines in EMRO countries: Iran, Pakistan & Lebanon, funding: Alliance for Health Policy and Systems Research, World Health Organization, Geneva. Pl: Dr. Shehla Zaidi.
- Impact evaluation of regional workshop on the role of HCPAs in achieving MDGs 4 & 5, funding: The Partnership for Maternal, Newborn and Child Health, Geneva (WHO). Pl: **Dr.** Fauziah Rabbani.
- The global network: a survey of community birth attendant's knowledge, practices and role within the health care system, funding: National Institute of Health (NIH), USA. PI: Dr. Omrana Pasha.
- Effects of community knowledge, attitudes and practices on MCH outcomes and access to care: Across sectional study of parental MCH practices in rural communities of District Thatta in Sindh, funded through ongoing GN project (EMONC trial). Pl: **Dr. Xaher Gul**.
- Partnership for strengthening healthcare and professional education in rural Afghanistan, funding: Roshan Telecommunications Afghanistan and International Development Resource Centre (IDRC) Canada. Pl: Dr. Shariq Khoja.
- Electronic TB diagnosis to improve case detection in the TB-DOTS Program, funding: International Development Resource Centre (IDRC) Canada. Pl: **Dr. Zafar Fatmi**.
- A randomised controlled trial of a comprehensive community based intervention to improve linear growth velocity among children aged 6 - 18 months in urban squatter

- settlements in Karachi, funding: World Bank's South Asia Regional Development Marketplace on Nutrition, USA. Pl: **Dr. Neelofar Sami.**
- Chronic respiratory illnesses and symptoms among cotton textile workers of Karachi, funding: ITREOH grant - University of Alabama at Birmingham funded by NIH, USA. PI: Dr. Asaad Nafees.
- Consultancy to conduct gender analysis, funding: Oxfam Novib, The Netherlands. PI: Ms.
 Shama Dossa.
- Micro insurance package for improving maternal healthcare in Karachi, funding: Aga Khan Agency for Microfinance (AKAM), Geneva. Pl: **Dr. Babar T. Shaikh**.
- Field epidemiology training module for surveillance and investigation of outbreak, funding: Federal Ministry of Health (FmoH) Sudan. Pl: **Dr. Amna Rehana Siddiqui.**
- A Global Network study to estimate gestational age by fundal height (Tape 1 and Tape funding: Drexel University funded by NIH, USA. Pl: **Dr. Sarah Saleem.**
- Evaluation of an EmONC intervention package to reduce adverse pregnancy outcomes in low resource settings (The EmONC Trial), funding Drexel University funded by NIH, USA.
 PI: Dr. Omrana Pasha.
- Revitalizing health for all: Learning from comprehensive PHC experience, funding: Institute of Population Health, University of Ottawa, Canada. Pl: **Dr. Parvez Nayani.**
- Validation of international physical activity questionnaire in children using Accelerometer
- Actigraph-GT3X, funding: Wellcome Trust, UK. Pl: Dr. Shiraz Hashmi.
- Maternal Newborn Health Registry Karachi, funding: City District Government of Karachi and the National Database & Registration Authority (NADRA). Pl: **Dr. Omrana Pasha.**
- Improve reproductive health and family planning outcomes by strengthening leadership capacity and institutionalizing a leadership program at the Aga Khan University, funding: The David and Lucile Packard Foundation, USA. Pl: **Dr. Sarah Saleem**.
- Global Health Activities in Developing Countries to Combat Non-Communicable Chronic Cardiovascular and Pulmonary Diseases (CARRS), funding: Emory University funded by National Heart Lung and Blood Institute (NHLBI) NIH, USA and Ovations Chronic Disease Initiative, USA. PI: Dr. Masood Kadir.
- Prenatal lead exposures in Pakistan: A prelude to prevention, funding: University of Alabama at Birmingham funded by NIH, USA. PI: **Dr. Masood Kadir.**
- Improving health services in Northern Pakistan through eHealth, funding: Aga Khan Foundation Geneva. PI: **Dr. Shariq Khoja.**

- Health enables returns, funding: Levi Strauss Foundation and BSR, USA. PI: Dr. Neelofar Sami.
- Enhancing tuberculosis control through public private mix partnership in Karachi, funding:
 WHO Islamabad. PI: Dr. Zafar Fatmi.
- Meeting the mental health needs of Afghans through a South-South collaborative model: NICHD Global Network collaborator Aga Khan University service, training, and research, funding: Drexel University funded by NIH, USA. Pl: **Dr. Omrana Pasha.**
- Eliminating National Gaps Advancing Global Equity (ENGAGE), funding: Population reference Bureau, USA. Pl: **Dr. Sarah Saleem.**
- Risk factors associated with breast cancer in Karachi: A matched case control study, funding: Seed Money The Aga Khan University Karachi Pakistan. Pl: Dr. Uzma Shamsi.
- Prospective Urban and Rural Epidemiological Study (PURE), funding: Hamilton Health Science Corp, McMaster University, Canada. Pl: **Dr. Romaina Iqbal.**
- Effect of biomass smoke on immune response among rural women of Sindh, funding: University Research Council (URC), The Aga Khan University Karachi Pakistan. Pl: Dr. Ambreen Kazi.
- Form the eHealth association of Pakistan, funding: Rockefeller Foundation, USA. PI: Dr. Shariq Khoja.
- Nutrition monitoring and surveillance in urban slums of Karachi, funding: WHO Islamabad Pakistan. Pl: **Dr. Parvez Nayani**.
- Pulmonary function and respiratory symptoms in women exposed to indoor air pollutants, funding: University Research Council (URC), The Aga Khan University Karachi Pakistan.
 PI: Dr. Amna Rehana Siddiqui.
- Implementation of arsenic mitigation action plan in selected union council of Taluka Gambat, district Khairpur - a pilot intervention in Sindh – 2008, funding: United Nations International Children Education Fund (UNICEF). Pl: Dr. Zafar Fatmi.
- Control of Blood Pressure and Risk Attenuation (COBRA) Pakistan, funding: Wellcome Trust, UK. Pl: Dr. Tazeen Jafar.
- International Family Planning Leadership Program, funding: Public Health Institute, USA. Pl: **Dr. Babar T. Shaikh**.
- Type 2 diabetes mellitus in South Asian women with a history of gestational diabetes mellitus, funding: URC. PI: **Dr. Romaina Iqbal.**

- Complimentary Feeding, funding: Drexel University funded by NIH, USA. PI: **Dr. Omrana Pasha.**
- Maternal Newborn Health Registry Thatta, funding: Columbia University, with funding from the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), USA. PI: Dr. Omrana Pasha.
- Cultural and psycho-social influences on disability (CUPID), funding: Colt Foundation, UK collaboration with University of Southhampton. Pl: Dr. Masood Kadir.
- Employment related hard physical activity during pregnancy and adverse birth outcomes, funding: Seed Money, The Aga Khan University Karachi Pakistan. Pl: **Dr. Sameera Rizvi.**
- Promotion of market based mechanisms for adoption and replication of energy efficient and home improvement products and technologies in Northern Areas, funding: Aga Khan planning & building service, Pakistan funded by EPA, USA. Pl: **Dr. Amna Rehana** Siddiqui.
- Urinary and faecal incontinence and utero-vaginal prolapse: prevalence, associated factors and impact on women's life in rural Pakistan, funding: University Research Council (URC), The Aga Khan University Karachi Pakistan. Pl: Dr. Abdul Hakeem Jokhio.
- Factors determining the age of onset menopause A cross sectional study, funding: Small scale research grant by Bill and Malinda Gates Institute at John Hopkins administered by Population Council, USA. PI: Dr. Sameera Rizvi.
- PAN Asian Collaboration for Evidence-based e-Health Adoption and Application (PANACeA), funding: International Development Research Centre (IDRC) Canada. Pl: Dr. Shariq Khoja.
- Proposal to develop a Plan for e-Health related needs and readiness assessment for AKDN Institutions (Tanzania and Afghanistan), funding: Aga Khan Foundation Geneva. Pl: Dr. Shariq Khoja.
- A case study on a mega project of women's empowerment and participatory governance,
 Tawana Pakistan, funding: World Health Organization. PI: Ms. Kausar S. Khan.
- Health impact assessment survey for BHIT field, funding: Eni Pakistan Ltd. PI: Dr. Naveed Janjua.
- Capacity building of health professionals, awareness raising and monitoring on arsenic mitigation in Sindh Project 2007, funding: United Nations International Children Education Fund (UNICEF). PI: Dr. Zafar Fatmi.
- Chronic kidney disease in Pakistan, funding: National Institute of Health (NIH), USA. PI: Dr.
 Tazeen Jafar.

- Association of particulate matter with daily morbidity in Urban Population, funding: Higher Education Commission (HEC), Pakistan. PI: Dr. Zafar Fatmi.
- Course on primary health care & health systems development, funding: Technical Assistance Management Agency, Pakistan. Pl: **Dr. Parvez Nayani.**
- Knowledge, attitude, practices regarding pestiside use among farmers of District Khairpur, Sindh Pakistan, funding: ITREOH grant - University of Alabama at Birmingham funded by NIH, USA. PI: Dr. Masood Kadir.
- Prenatal lead exposure (PLES), funding: ITREOH grant University of Alabama at Birmingham funded by NIH, USA. PI: **Dr. Naveed Janjua**.
- Tobacco use among male adults in Sindh, Pakistan. An epidemiological evaluation of prevalance, knowledge, factors & dependence, funding: ITREOH grant - University of Alabama at Birmingham funded by NIH, USA. PI: Dr. Sajjid Ali.
- Consultancy to support the Quality of Life (QoL) Assessment Programme, funding: Aga Khan Foundation, UK. PI: **Dr. Juanita Hatcher.**
- Molecular genetic studies in hypertension, type 2 diabetes, and coronary heart disease in Pakistan, funding: University of Exeter funded by Wellcome Trust, UK. Pl: Dr. Tazeen Jafar.
- Using verbal autopsy to determine cause of still births and early neonatal deaths within the NICHD Global Network, funding: Drexel University funded by NIH, USA. PI: Dr. Imtiaz Jehan.
- Healthline: A research proposal to develop speech-based system for use over the telephone by community based health workers in Karachi, Pakistan, funding: Carnegie Mellon University, USA. PI: Dr. Mehtab S. Karim.
- Capacity building towards sustainable development in population, reproductive health and health sector reform, funding: The David and Lucile Packard Foundation, USA. Pl: Dr. Mehtab S. Karim.
- Brain research to ameliorate impaired neurodevelopment: Home based intervention trial, funding: University of Alabama at Birmingham, with funding from the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) and National Institute of Neurological Disorders and Stroke. Pl: Dr. Omrana Pasha.
- Investigating gynecological morbidity among women in squatter settlements in Karachi. A
 community based research, funding: University Research Council (URC), The Aga Khan
 University Karachi Pakistan. Pl: Dr. Neelofar Sami.
- Women's empowerment in Muslim contexts: gender, poverty and democritisation from the inside out, funding: City University of Hong Kong. Pl: **Ms. Kausar S. Khan.**

- A randomized trial of Chlorhexidine vaginal and infant wash to reduce perinatal mortality and morbidity (CHX), funding: University of Alabama at Birmingham funded by NIH, USA supplemented by University Research Council (URC), The Aga Khan University Karachi Pakistan, Pl: Dr. Sarah Saleem.
- Addressing life skills in adolescents, funding: Swedish International Development Cooperation Agency (SIDA). Pl: **Dr. Farid ul Hasnain.**
- Comparison of population screening tools for coronary artery disease with thallium-201 scintigraphy in adult population in Karachi, funding: Wellcome Trust, UK. Pl: Dr. Tazeen Jafar.
- Hypertension related damage to the microcirculation in South Asians emergence, predictive power and reverseability, funding: Imperial College London. PI: Dr. Tazeen Jafar.
- A Placebo-randomized controlled trial of misopropostol in the management of the third stage of labor in the home delivery setting in rural Pakistan, funding: Gynuity Health Project, LLC. USA. Pl: Dr. Juanita Hatcher.
- Neonatal Resuscitation Project (NRP), funding: University of Alabama at Birmingham funded by NIH, USA. Pl: **Dr. Imtiaz Jehan.**
- Population based strategies for effective control of HBP in Pakistan, funding: Wellcome Trust, UK. PI: **Dr. Tazeen Jafar.**
- International Training and Research in Environmental and Occupational Health (ITREOH), funding: University of Alabama at Birmingham funded by NIH, USA. PI: **Dr. Masood Kadir**.
- Global Network for Women's and Children's Health Research (GNRU), funding: Columbia University, with funding from the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), USA. PI: **Dr. Omrana Pasha**.
- Assuring quality of services: The development of a Performance Measurement Framework for Aga Khan University Hospital Karachi (Phase II), funding: University Research Council (URC), The Aga Khan University Karachi Pakistan. Pl: Dr. Fauziah Rabbani.
- Building health administration management training and research network (NHART), funding: Swedish South Asian Network (SASNET). PI: **Dr. Fauziah Rabbani.**
- Health seeking behavior study in northern areas, Pakistan, funding: The Aga Khan Foundation Geneva. Pl: **Dr. Babar Tasneem Shaikh.**
- Engendering the health system: Improving the quality of health services for women, funding: World Health Organization. Pl: **Dr. Babar Tasneem Shaikh.**

- Assuring quality of services: The development of a performance measurement framework for Aga Khan University Hospital Karachi (Phase I), funding: World Health Organization EMRO. Pl: Dr. Fauziah Rabbani.
- Assessment of health impacts of arsenic in drinking water in Sindh Province Pakistan Dadu District, funding: United Nations International Children Education Fund (UNICEF). PI:
 Dr. Zafar Fatmi.
- Enhancing tuberculosis case detection through involving private practioners in District Thatta, Province of Sindh, Pakistan, funding: World Health Organization EMRO. Pl: Dr. Zafar Fatmi.
- Equity analysis by communities for evidence based advocacy, funding: Global Equity Guage Alliance (GEGA). PI: **Ms. Kausar S. Khan.**
- Consulting agreement between Canada-Pakistan HIV/AIDS Surveillance Project and AKU, funding: National Institute of Health (NIH), USA. PI: Ms. Kausar S. Khan.
- National urban poverty conference, funding: United Nations Development Programme (UNDP), PI: **Dr. S. M. Israr.**
- Principals of Epidemiology, Biostatistics and Data Management Course, funding: Canada -Pakistan HIV/AIDS Surveillance Project. Pl: Dr. Gregory Pappas.