

**AMBER MEHMOOD, MBBS, MPH, FCPS**

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**EDUCATION AND TRAINING**

*Degree*

**Johns Hopkins Bloomberg School of Public Health, Baltimore, MD**  
Master of Public Health with a focus on Health Policy and Management May 2018

**Sindh Medical College, University of Karachi, Pakistan**  
Bachelor of Medicine, Bachelor of Surgery (MBBS; MD equivalent) 1998

*Postdoctoral Training*

**Johns Hopkins Bloomberg School of Public Health, Baltimore, MD**  
Post-doctoral Fellowship, Health Policy and Management 09/2007- 05/2008

*Medical Licensure:*  
**Pakistan Medical and Dental Council** PMDC # 35535-S

*Medical Board or other Certification*

**College of Physicians and Surgeons of Pakistan**  
Fellowship in General Surgery (5-years residency training and surgical boards) 2005

## PROFESSIONAL EXPERIENCE

### **Senior Faculty Fellow**

01/2024-12/ 2025

*Global and National Security Institute, Tampa, FL*

- Participating in different research activities, developing grant proposals, and collaborating on publications

**Co-lead** Public Health Scholarly Concentration **USF Health RISE program**, Morsani College of Medicine.

07/2024- Present

- Coordinate all the activities under PH scholarly concentration
- Organize and teach monthly research sessions with Year 1 and 2 Med students
- Mentor students in their research projects and scholarly writing
- Collaborate with other concentration leads and PH faculty in student advising and mentorship

### **Associate Professor**

02/2021-Present

*University of South Florida, Department of Global, Environmental and Genomic Health Sciences, College of Public Health, Tampa, FL.*

**Lead** Global Disaster Management, Humanitarian Relief and Homeland Security (GHH) Concentration

**Director** Disaster Management, Humanitarian Assistance and Homeland Security graduate certificates

- Teaching and development of on-line and in-class courses related to the GHH Concentration
- Mentor graduate and undergraduate students in research projects
- Advise graduate students, including serving on thesis and dissertation committees.
- Serve as faculty advisor for USF student organization One for the World since 2025
- Served as Search Committee Chair for GHH Assistant professor, USF College of Public Health
- Participated in College-wide curriculum review and revision in accordance with CEPH guidelines
- Collaborate in teaching with other College, USF Health and University faculty and participate in college-wide teaching initiatives
- Collaborate with faculty across the College, USF Health and USF to participate in translational research initiatives.
- Engage in service activities at the university, professional and community levels, including serving on faculty governance committees, special work groups and other university service roles.
- Participate at the national and state level in professional organizations and activities as well as contribute to the community through service related to professional and other expertise.

### **Associate Faculty**

01/2021-06/2021

*Department of International Health, Johns Hopkins Bloomberg School of Public Health, Baltimore USA*

### **Associate Director, Trauma and Emergency Medical Systems**

01/2018- 03/2020

*Johns Hopkins International Injury Research Unit, Baltimore USA.*

- Responsible for trauma care research and practice portfolio of the unit, organize and conduct collaborative capacity development activities, guide the development of hospital-based injury surveillance systems in LMICs
- Develop collaborative grant proposals for emergency and trauma care, and lead all projects pertinent to trauma care, trauma registries implementation, emergency medical service and related capacity development.
- Engage with different stakeholders, organizations and funding agencies, faculty and students.

### **Assistant Scientist**

08/2014-12/ 2020

*Department of International Health, Johns Hopkins Bloomberg School of Public Health, Baltimore USA.*

- Spearheaded the development of digital City Emergency-health Response Capability (CERC) tool using Qualtrics survey on a R2HC funded study. The tool is used to objectively evaluate LMIC urban emergency response systems with goal of fostering urban preparedness. Led the team that conducted systematic literature review on the essential components of comprehensive emergency medical response.
- Served as the Situational Assessment Chief at the Johns Hopkins Unified Command Center for COVID-19 in April 2020. My responsibilities include system wide local, regional and global situational assessment of new COVID patients, PUIs, critical care admissions and mortality in order to inform the planning command to plan and prepare for surge capacity and capabilities across all Johns Hopkins Medical Institutions.
- Led the development of a training package for Mass Casualty Incident Management for Eastern European countries in collaboration with the Johns Hopkins University, School of Medicine and World Health Organization.
- As Co-investigator and project manager, led the efforts to develop an internet based traumatic brain injury (TBI) registry at the Mulago Hospital in Kampala, Uganda. Organized and conducted all collaborative capacity development activities and helped develop a customized TBI management protocol for this hospital.
- Designed and led observational studies for the evaluation of road safety risk factors using digital data collection method under Bloomberg's Initiative on Global Road Safety. This multi-country roadside data collection was conducted in Accra (Ghana), Bandung (Indonesia), Ho Chi Minh City (Vietnam), Bangkok (Thailand), Addis Ababa (Ethiopia), and Mumbai (India).
- As Co-PI, provided technical assistance and advice on development of work-related injury surveillance registry (WUR-Q) in Qatar
- As Co-investigator provided technical assistance and advice on the implementation and evaluation of an intervention trial directed towards use of child restraints in Qatar
- As PI, led the Center for Global Health-funded evaluation of EMS system by using the WHO health systems framework and pilot tested the tool in the city of Kampala, Uganda.
- As project manager led the comprehensive evaluation of trauma system in the Sultanate of Oman, development and pilot testing of hospital-based trauma registry and capacity building activities in Oman
- Lead faculty for capacity development, injury surveillance and trauma care improvement component for Bloomberg Road Safety Program in ten countries. Primarily working in Kenya.
- Project coordinator for the Johns Hopkins University-Pakistan International Collaborative Trauma and Injury Research Training Program. As core faculty, planned and coordinated activities, served on advisory committee, as well as mentor for the students completing their post graduate studies in Epidemiology and Biostatistics, and Health Policy and Management at the Aga Khan University, Karachi.
- Regular teaching in fourth term and Summer term courses as co-primary instructor. In addition to participating in lectures and tutorials, I am responsible for planning, organizing and updating course materials, tracking assignments, grading and providing feedback. My teaching covers global burden of disease, epidemiological surveillance, conceptual frameworks for injury prevention, systems approach to trauma care, hospital-based injury surveillance, design and development of trauma registries, program implementation, monitoring and evaluation of injury surveillance systems, and using data to develop quality improvement programs.
- Serve on the admission committee for Master of Applied Science in Global Health Planning and Management, Community-based Primary Health Care and Certificate in Global Health programs for Johns Hopkins Bloomberg School of Public Health
- Led several international capacity development activities as part of different projects that included research training workshops, scientific writing workshops, courses, seminars, advising graduate and post graduate students.

**Research Associate**

09/2013-08/2014

*Department of International Health, Johns Hopkins Bloomberg School of Public Health, Baltimore USA.*

- Project manager for the Johns Hopkins University-Pakistan International Collaborative Trauma and Injury Research Training Program
- Led the comprehensive evaluation of trauma system and capacity building activities in Oman Trauma care project
- Conducted several international capacity development activities including research training workshops, seminars, advising graduate and post graduate students

**Assistant Professor**

07/2010 – 08/2013

*Department of Emergency Medicine, Aga Khan University, Karachi, Pakistan*

- Led the resuscitation and managed all patients coming to Emergency Department with life threatening and acute medical and surgical emergencies including trauma, burns and poisoning
- Coordinated the care of admitted and discharged patients in all specialties ensuring proper disposition.
- Supervised emergency room residents and junior doctors in managing critical medical and surgical patients
- Bedside and classroom teaching of residents, interns, medical students; covering topics around acute emergencies, resuscitation, trauma management, lifesaving skills.
- Primary trauma care course, ACLS and ATLS instructor.
- Leadership roles included Chair of Departmental Morbidity and Mortality Committee; Chair of Emergency Room Disaster Plan Review Committee; Co-chair of Hospital Disaster Task Force; Co-chair of Hospital Trauma Committee
- Member of JCIA Surgical Subcommittee, Emergency Medicine Residency Committee, Year-V Undergraduate Committee
- Designed and led quality improvement initiatives to facilitate and improve care of the injured and critically ill patients in the Emergency Department
- Participated in implementation of clinical trials on effectiveness of sepsis bundle, trauma care checklist, Emergency Severity Index, and team-based penetrating trauma protocol implementation.
- Led the development of comprehensive all-hazards Emergency Operations Plan according to the principles of Hospital Incident Command System as the co-chair of 14-member high-powered hospital disaster management task force, followed by a dissemination and internalization of protocols strategy. The task force also organized several disaster drills and tutorials to prepare the staff for both internal and external disaster and mass casualty influx.
- Project coordinator for the Johns Hopkins University-Pakistan International Collaborative Trauma and Injury Research Training Program

**Senior Instructor**

08/2008 – 06/2010

*Department of Emergency Medicine, Aga Khan University, Karachi, Pakistan*

*The Aga Khan University established the first academic Emergency Department of the country.*

- Independently managed patients coming to Emergency Department with life threatening and acute medical and surgical emergencies including trauma, burns and poisoning
- Coordinated the care of admitted and discharged patients in all specialties ensuring proper disposition.

- Supervised emergency room residents and junior doctors in managing critical medical and surgical patients
- Bedside and classroom teaching of residents, interns, medical students; covering topics around acute emergencies, resuscitation, trauma management, lifesaving skills.
- Leadership roles including Undergraduate Clerkship Coordinator; member of Emergency Department Triage Committee
- Developed and implemented the first Undergraduate Emergency Medicine training program at the Aga Khan University for its year-5 MBBS students. This was the first ever structured undergraduate clerkship in any medical school in Pakistan, which was started in 2006 and was ranked as the best clinical rotation by the medical students.

**Post-Doctoral Research Fellow**

09/2007 – 05/2008

*Department of Health Policy and Management, Johns Hopkins Bloomberg School of Public Health, Baltimore USA.*

- Focused on trauma care policy, injury prevention and surveillance and establishment of trauma systems in low-middle income countries.
- Developed and pilot tested an electronic trauma registry for data collection and evidence-based trauma care quality improvement for a tertiary care hospital in Karachi Pakistan.
- Advisor: Ellen J MacKenzie

**Consultant Emergency Physician**

11/2006 – 06/2007

*Department of Medicine, Section of Emergency Medicine, Aga Khan University, Karachi, Pakistan*

- Independently managed patients visiting the Emergency Department with acute and life threatening medical and surgical emergencies including trauma, burns and poisoning.
- Coordinated the care of admitted and discharged patients in all specialties ensuring proper disposition.
- Supervised emergency room residents and junior doctors in managing critical medical and surgical patients.

**Senior Medical Officer**

03/2006 – 10/2006

*Department of Medicine, Section of Emergency Medicine, Aga Khan University, Karachi, Pakistan*

- Managed patients under supervision visiting the Emergency Department with life threatening and acute medical and surgical emergencies
- Coordinated the care of admitted and discharged patients in all specialties

**Chief Resident**

11/2004 – 10/2005

*Department of General Surgery, Aga Khan University, Karachi, Pakistan*

- Responsible for all surgical patients on service, including patient care, surgical procedures, scheduling and follow-up
- Performed independently level I and level II surgeries in trauma, breast, general, oncology, and plastics.
- Took a leadership role in teaching, training and evaluating junior residents, interns, medical students.
- Responsible for scheduling of the residents to ensure proper running of the clinics, wards, operating room and conferences in the service.

**Resident, General Surgery**

11/2000 – 10/2004

*Department of General Surgery, Aga Khan University, Karachi, Pakistan*

- Regular one-in-three calls on the surgical floor covering acute surgical emergencies, and directly caring for in-house surgical patients including adults and pediatrics.

- Performed a number of surgical procedures under supervision and then independent surgeries in trauma, breast, general, oncology, cardiothoracic, neurosurgery and plastics.
- Led general surgical teams and pediatric surgery service in respective units as senior resident.
- Led the hospital trauma team during 4th and final years
- *6-months elective rotations in two secondary care district hospitals* of Karachi, as well as Combined Military Hospital Muzaffarabad, Kashmir, during year 4 that provided me the insight and experience of health services in remote and resource-constrained settings.
- Completed College of Physician and Surgeons workshop on “Research Methodology, Biostatistics and Medical Writing”

**House Officer**

01/1999-01/2000

*Jinnah Post Graduate Medical Center (JPMC), Karachi, Pakistan*

- JPMC is the largest public-sector tertiary care hospitals of Karachi. My responsibilities included receiving, clerking, treating and monitoring surgical and medical patients.
- I also rotated through the Accident and Emergency unit, as well as National Institute of Cardiovascular Diseases, which is the first and the largest center of cardiovascular diseases in Karachi.

### ACADEMIC SERVICE

- Served as judge for the 15<sup>th</sup> Annual RISE Student Symposium USF Health November 7, 2025
- Served as faculty mentor and judge for the local CLARION Case Competition at USF Health 2025
- Dean's Candidate (USF College of Public Health) Panel Interviews for Interdisciplinary Science and Practice Strategic Area, 2024
- Served as member of Distinguished University Professor Discipline Committee for the USF Office of the Provost & Executive Vice President 2024
- Served as faculty mentor and judge for the local CLARION Case Competition at USF Health 2024
- Served as judge for the 15<sup>th</sup> Annual RISE Student Symposium USF Health November 8, 2024
- Served as Search Committee Chair for GHH Assistant professor, USF College of Public Health 2023
- Advisor/ Mentor for Master Public Health, Global Disaster Management and Humanitarian Relief program candidates since 2021
- Advisor for JHU Master of Science in Public Health program candidates 2014-2020
- Practicum preceptor and capstone advisor for JHU Master of Public Health candidates 2014-2020
- Member JHU admission committee for Global Health Practice Certificate program 2017-2020
- Thesis advisory committee member for public health doctoral students 2017-2020
- Member JHU admission committee for online Master of Applied Science in Community-based Primary Health Care Programs in Global Health and Master of Applied Science in Global Health Planning and Management 2018-2020

### Teaching Innovation

- Won The Association of Teachers of Maternal and Child Health (ATMCH) [Innovative teaching Award](#) 2025-26 with – Richard Powis, Roneé Wilson, Adrienne Strong & Cheryl Vamos  
“The Global MCH-TTRPG: Using Tabletop Role-Play Gaming to Simulate Decision-Making in a Global Maternal & Child Health Crisis”

### Course Instruction

- USF College of Public Health: PHC 6183 Overview of US and International Emergency Management
  - Role: Primary instructor
- Course objectives:
  - To evaluate the historical, organizational, and legislative aspects of modern emergency management in United States
  - To describe the National Incident Management System (NIMS) and National Response Framework (NRF) in planning and preparedness
  - To plan, implement and evaluate emergency response plan and risk communication strategies during a domestic disaster.
  - To appraise the role of national, international, and non-governmental organization's role in large scale international disasters
- USF College of Public Health: PHC 6678 Disaster Forensics
  - Role: Primary instructor
- Course objectives:
  - Understand and use basic forensic analysis techniques use to reveal the complex causality in disasters

- Apply principles of systems thinking to the analysis of natural disasters and cascading events.
  - Role of risk perception and communication in disaster preparedness and response.
  - Community vulnerabilities in communities and resident pathogens in cascading events.
  - Understand the dynamics of patient safety and human error in medical industry.
  - Tools and approaches to explore intervention strategies through design thinking and social innovation.
- USF College of Public Health: PHC 6677 Introduction to Global Disaster Management Humanitarian Health and Homeland Security
  - Role: Primary instructorCourse objectives:
  - Demonstrate cross-cutting linkages between disaster management, humanitarian assistance and homeland security
  - Apply systems science concepts to study and assess the impacts of natural hazards and complex emergencies
  - Measure community vulnerability for different hazards
  - Plan, implement and monitor public health interventions in the context of disasters.
- USF College of Public Health: PHC 6186: Public Health Emergencies in Large Populations
  - Role: Primary instructor
  - Course objectives: Develop and improve skills of persons interested in providing emergency health services in humanitarian emergencies. Topics covered include food and nutrition, water and sanitation, providing health services, reproductive health, control of communicable diseases, humanitarian law, human rights, ethics, and geopolitical issues related to population displacement particularly from conflicts.
- USF College of Public Health: Guest lecturer in the course PHC 6934 Systems Science in Population Health on 'Complex Adaptive Systems-A Framework of population health'.
- JHSPH: Hospital-Based Injury/Trauma Surveillance in Low and Middle-Income Countries (221. 653.81) via distance learning

Course Objectives: To prepare students in designing and sustaining hospital-based injury/trauma surveillance systems in LMIC in order to inform health program planning at the local and national level. Included online recorded lectures, live interactive discussions, quizzes and three-part assignments
- JHSPH: Hospital-Based Injury/Trauma Surveillance in Low and Middle-Income Countries Health Systems Summer institute (221. 653.11).
  - Role: Lead instructor

This course focuses on training students on the fundamentals of an injury surveillance system – data needs, collection, coding, processing and use, as well as on evaluation of such systems, and how to sustain them. The course is especially designed for injury researchers, public health professionals and postgraduate students focusing on injury prevention in low-resource settings. Blended learning format with lectures, interactive discussions, quizzes and two-part assignments.
- JHSPH: Guest lecturer in the course Confronting the Burden of Injuries: A Global Perspective (221.612.01)- Acute Care and Emergency Medical Systems

### *Advising:*

Advised postgraduate and doctoral students in their Integrated Learning experience, applied practice experience, capstone, thesis, and practicum projects. Guided and provided oversight in critical thinking, project planning, implementation, data analysis, and thesis or report writing. These advisees include USF College of Public Health, Johns Hopkins School of Public Health, as well as international students from Uganda and Pakistan. Also served as general advisor and mentor for a number of postgraduate



and doctoral students at JHSPH as well as abroad. Served as the faculty advisor for the Surgery, Obstetrics, Trauma and Anesthesia Society of JHSPH graduate students.

### Advisees

#### Doctoral Students:

1. Rebecca Filipowicz, candidate USF College of Public Health DrPH Program. Major Professor 'Community Assessment of Pandemic Resilience'. 2024
2. Chris Baglivo, candidate USF College of Public Health DrPH Program Co-Major Professor. "International Collaboration to Prevent and Reduce Bio-Threats: A Systems Approach". Co-Major Professor. 2024
3. Armaan Ahmad Rowther, Johns Hopkins School of Medicine MSTP/MD-PhD Program. Doctoral thesis committee member "Mixed-Method Evaluation of a Telemedicine Program for Pediatric Emergency Care Quality Improvement in Pakistan" 2021
4. Saleh Fares, Johns Hopkins School of Public Health DrPH Program. Doctoral thesis committee member "Establishing a Trauma Registry in the Emirate of Abu Dhabi" 2021

#### Capstone or Practicum:

1. Sydney Hart, candidate USF College of Behavioral and Community Science's graduate program. Thesis Titles "Peritraumatic Distress and Dissociation in People with and without Disabilities Utilizing Emergency Departments" 2022
2. Berge Shammassian, MPH, Johns Hopkins Bloomberg School of Public Health, 2019. Practicum titled "Capacity Development and Program Evaluation for Trauma Care in Low- and Middle- Income Countries: Trauma Care in Vietnam"
3. Ekta Paw, MPH, Johns Hopkins Bloomberg School of Public Health, 2019. Practicum titled Capacity Development and Program Evaluation for Trauma Care in Low- and Middle-Income Countries: Trauma Care in Vietnam
4. Luke Glaude, Part-time MPH, Johns Hopkins Bloomberg School of Public Health, 2018. Capstone titled "Improving Emergency Medical Services Along the First Phase of the North-South Corridor in Tanzania"
5. Rachel Pinto, MPH, Johns Hopkins Bloomberg School of Public Health, 2018. Practicum titled "Digital data collection for road safety risk factors in Mumbai"
6. Ashley George, MSPH, Johns Hopkins Bloomberg School of Public Health, 2016-2018. Thesis titled: "Health System Interventions for Reproductive, Maternal, Newborn, Child and Adolescent Health: Planning for and Measuring the Sustainability of Public Health Programs"
7. Helen Giles, MSPH, Johns Hopkins Bloomberg School of Public Health, 2015-2017. Thesis titled: "Community at Crossroads: Adult Perspectives on Nutrition, Health, and the Food Environment in the Face of Change in Agua Caliente Nueva, Jalisco, México"
8. Rebecca Nuwematisko, MPH, Makerere University School of Public Health, 2015-2016. "Injury patterns and severity among motorcycle drivers and passengers at Mulago hospital- a comparative cross-sectional study"
9. Kia Guarino, MSPH, Johns Hopkins Bloomberg School of Public Health, 2014-2016. Thesis titled: "New Humanitarian Response to Changing Needs of Communities in the Middle East and North Africa Regions"
10. Joseph Salami, MPH, Johns Hopkins Bloomberg School of Public Health, 2015. Practicum titled "Epidemiology of injuries in Oman- analysis of hospital-based trauma registry data"
11. Attaullah Baig, MSc Health Policy Management; Aga Khan University Karachi, Pakistan, 2013-2015. Thesis titled: "How to improve the coverage of Harm Reduction Program (HRP)

for Injection Drug Users (IDUs) at risk of HIV in Karachi, Pakistan: a qualitative exploratory study”

12. Isaac Howley, MPH, Johns Hopkins Bloomberg School of Public Health, 2014. Capstone titled: “Trauma Care Capabilities in Oman: A Proposed Evaluation”
13. Morgan Schellenberg, Part-time MPH, Johns Hopkins Bloomberg School of Public Health, 2014-2016. Capstone titled: “Thrombo-elastography in the management of trauma: Implications for the developing world”
14. Khaula Khatlani, MSc Epidemiology & Biostatistics; Aga Khan University Karachi, Pakistan, 2012-2014. Thesis titled: “Association between intimate partner violence during pregnancy and stillbirths”
15. Minaz Zulfiqar Ali, MSc Epidemiology & Biostatistics; Aga Khan University Karachi, Pakistan, 2011-2013. Thesis titled: “Out of hospital cardiac arrest-an exploratory study from Karachi, Pakistan”
16. M. Shafi Rehman Kalhoro, MSc Epidemiology & Biostatistics; Aga Khan University, 2010-2012. Thesis titled: “Thirty Day outcome of severe injuries in patients presenting to the Emergency Departments of public hospitals in Sindh Pakistan”
17. Sana Shahbaz, Resident Department of Emergency Medicine, Aga Khan University Karachi. Study titled: “The Knowledge, Attitude and Practices of women pillion riders in the urban population of Pakistan”

#### *Competition Mentor:*

1. 2025 CLARION National Case Competition
2. 2024 CLARION National Case Competition (finalist)

#### *General Advising:*

3. Daniel Guariro, APHA Global Health Mentoring Program, 2020
4. Kaylin J. Beiter, APHA Global Health Mentoring Program, 2020
5. Sarah Rapaport. Johns Hopkins School of Medicine, class of 2023.
6. Ahsan Zil-e-Ali, MPH, Johns Hopkins Bloomberg School of Public Health, 2020.
7. Maram Aldosari, Part-time MPH, Johns Hopkins Bloomberg School of Public Health, 2019.
8. Paavani Jain, MPH, Johns Hopkins Bloomberg School of Public Health, 2020.
9. Shahmir Ali. Bachelor of Public Health and Political Science; Johns Hopkins University, class of 2020
10. Shahan Waheed, PhD candidate, Aga Khan University, Karachi Pakistan.
11. Petal Elder, MPH, Johns Hopkins Bloomberg School of Public Health, 2019.
12. Huzair Ali, Part-time MPH, Johns Hopkins Bloomberg School of Public Health, 2018.
13. Eugenia Lee, MPH, Johns Hopkins Bloomberg School of Public Health, 2016.
14. Basant Motawi, MPH, Johns Hopkins Bloomberg School of Public Health, 2016.
15. Juliet Ntuulo Mutanda, JHU-Makerere University E-TRIAD fellowship program, 2016
16. Jennifer Namagembe, JHU-Makerere University E-TRIAD fellowship program, 2016

#### *Examiner:*

Participated as an internal examiner for Doctor of Philosophy candidates in the Department of International Health, in preliminary and final oral examination. Also served as external thesis reviewer and examiner for Doctor of Philosophy candidate Queensland University of Technology, Australia, and Master of Philosophy in Emergency Medicine candidate of University of Cape Town, South Africa. As Emergency Medicine Faculty at the Aga Khan University Karachi Pakistan, participated in annual oral and skills examination for medical undergraduates and postgraduates.

1. Saleh Fares Aal-Ali, Doctor of Public Health Candidate in the Department of Health Policy and Management, Johns Hopkins Bloomberg School of Public Health. Reader and evaluator of final thesis titled “Establishing A Trauma Registry in the Emirate of Abu Dhabi” and committee member for the final oral exam held virtually April, 15 2021.
2. Armaan A Rowther, MD-PhD candidate Johns Hopkins Bloomberg School of Public Health: “Mixed-Method Evaluation of a Telemedicine Program for Pediatric Emergency Care Quality Improvement in Pakistan”, 2021
3. Mohammed Abdullah, Master of Philosophy in Emergency Medicine candidate of University of Cape Town, South Africa. Served as an external examiner for final dissertation titled as “A retrospective study of the prehospital burden of trauma managed by the Western Cape government Emergency Medical Service”, May 2019.
4. Rantimi Adentuji, Doctor of Philosophy candidate in the Department of International Health, Johns Hopkins Bloomberg School of Public Health. “Understanding elder abuse and neglect in Vietnam” July 10, 2018.
5. Nukhba Zia, Doctor of Philosophy candidate in the Department of International Health, Johns Hopkins Bloomberg School of Public Health. “Measuring child disability: piloting a functional assessment tool in disabled children at the Iganga-Mayuge Health and Demographic Surveillance Site in Uganda” December 13, 2017.
6. Naveed Tahir, Doctor of Philosophy candidate Queensland University of Technology, Australia. Served as an external examiner for Doctor of Philosophy final dissertation titled as “Road safety aspects of motorcycle rickshaws in Pakistan”, August 2017.

### *Workshops and courses*

1. Organized and facilitated a workshop on “Systems Science Education for Public Health Students” on August 17, 2022 at the University of South Florida
2. Led a workshop on “Setting up Trauma Registries - A practical step-by-step guide February 14, 2020, Aga Khan University, Karachi, Pakistan.
3. Led the session on “Post crash response: overview and framework” at the regional Global Road Safety Leadership course, March 21, 2019, Buenos Aires, Argentina.
4. Led the session on “Post crash response: measurement, data and case studies” at the regional Global Road Safety Leadership course, March 21, 2019, Buenos Aires, Argentina.
5. Led the session on “Post crash response: overview and framework” at the regional Global Road Safety Leadership course, March 12, 2018, Nairobi, Kenya.
6. Led the session on “Post crash response: measurement, and data” at the regional Global Road Safety Leadership course, March 12, 2018, Nairobi, Kenya.
7. Conducted “Traumatic Brain Injury Management Workshop – What’s known and what is new?” November 22-23, 2017, in Kampala Uganda
8. Organized and conducted workshop on “Traumatic Brain Injury Surveillance in Hospital Settings” November 25-26, 2016, in Kampala Uganda
9. Facilitator for “Post-Crash response”, in Global Road Safety Leadership Course, November 2016, July 2017, Baltimore, USA
10. Organized and conducted workshop on “Hospital-based Injury Surveillance in Low- and Middle-Income Countries” August 23-24, 2016, in Kampala Uganda
11. Conducted workshop on “Setting up trauma registries: from theory to practice”, September 14, 2015 in Karachi, Pakistan
12. Organized and conducted workshop on “Advanced skills for trauma registrars”, August 23-24, 2015 in Muscat, Oman
13. Organized and conducted workshop on “Injury scoring and ICD coding systems”, November 2-4, 2014, Muscat, Oman
14. Organized and conducted workshop on “Improving the Trauma Care System in Oman to Reduce the Burden of Road Traffic Injuries”, September 17-18, 2014, Muscat, Oman

15. Conducted a workshop on Trauma registries and Injury Surveillance System in collaboration with CDC China, August 4, 2014, Beijing
16. Facilitated workshop on Emergency Medical systems in Mesoamerica, April 27-28, 2014, Guadalajara, Mexico
17. Organized and conducted annual Advance Emergency Medical Service Provider Course, 2010-2012, Aga Khan University, Karachi, Pakistan
18. Organized and conducted workshop on Injury severity scoring April 25, 2012
19. Co-chair of the organizing committee of Annual Emergency Medicine Conference, 2012, Aga Khan University, Karachi, Pakistan. The theme of conference was "Emergency Medical Response in Disasters" April 26 -27, 2012.
20. Conducted annual workshops on Violence and Injury Prevention in 2011-2013, Aga Khan University, Karachi, Pakistan
21. Developed modules for free online JHSPH course Hospital-Based Injury/Trauma Surveillance in Low- and Middle-Income Countries on "Case Study of Trauma Registry at the Aga Khan University Hospital, Pakistan" and "Injury Severity Scoring."

#### *Guest Lectures*

1. Disaster Preparedness and Response Leadership course, January 10, 2025, for the Center of Excellence in Trauma and Emergencies, at the Aga Khan University Karachi
2. "Health Systems approach to trauma care: Case Studies from around the world", December 17, 2016, at the Aga Khan University Karachi.
3. "The burden of Global Injuries" invited by the Center for Clinical Global Health Education, February 26, 2015, at the Johns Hopkins Medical School, Baltimore MD.
4. "Violence and Injuries" as a part of Introduction to Global Health course offered by Fogarty International Center, May 22, 2014, National Institutes of Health, Bethesda, MD
5. "Health Systems approach to Injury prevention and trauma care" classroom tutorial, MSc. Epidemiology Biostatistics, February 27, 2014, Aga Khan University, Karachi, Pakistan
6. "Determinants of Trauma survival," Department of Emergency Medicine Grand Round: January 2012, Aga Khan University, Karachi, Pakistan.
7. "Paradigm shift in the Management of hemorrhagic shock": Emergency Medicine Grand Round. January 2011, Aga Khan University, Karachi, Pakistan
8. "Management of blast injuries" presented at workshop arranged by Society of Emergency Physicians of Pakistan, March 12, 2010, Islamabad, Pakistan
9. "Development of Electronic Trauma Registry in a Resource poor environment." Emergency Medicine Grand Round. May 2009, Aga Khan University, Karachi, Pakistan
10. Conducted workshop on "Injury & Disease Surveillance in the Emergency Department," July 2009, Aga Khan University, Karachi, Pakistan
11. Developed and conducted "Injury Scaling" workshop, presented 2008, 2009, 2010, 2011 at Aga Khan University, Karachi, Pakistan
12. "Pregnancy-associated breast cancer: is it biologically different disease?" presented at Combined General Surgery Meeting, September 2004, Aga Khan University, Karachi, Pakistan
13. "Ductal carcinoma in Situ of Breast, Difficulties in Diagnosis and Management" Khan S. Mehmood A. Surgical Grand Round 2003, Aga Khan University, Karachi, Pakistan
14. "Omentum in ovarian carcinoma ... Abdominal policeman or terrorist?" Mehmood A, Laeeque R, Farooqui A. Surgical Grand Round 2002, Aga Khan University, Karachi, Pakistan.
15. "Stein Strasse - Facts and Fallacies." Mehmood A, Ather MH. Surgical Grand Round 2001, Aga Khan University, Karachi, Pakistan

#### *Clinical Teaching 2006-2013*

- Didactic and bedside teaching of medical students, residents and interns in emergency medicine topics, Advanced Cardiac Life Support, trauma and burn management.
- Training of nurses on trauma care, head injury, trauma, burns, and abdominal pain.

## PUBLIC HEALTH PRACTICE

### *Practice-Related Policy and Reports*

1. Co-authored [APHA Policy Statement 20246](#)- Protecting the Health and Safety of Workers who Respond to Disasters: Achieving Equity through Education and Training
2. Co-authored: American Public Health Association. Protecting the Health and Safety of Workers Who Respond to Disasters: Achieving Equity Through Education and Training. NEW SOLUTIONS: A Journal of Environmental and Occupational Health Policy. 2025;0(0). doi:10.1177/10482911251337444
3. Co-authored World Bank's report on Assessment of post-crash care system in select districts with high burden of road-traffic crashes and Dhaka Metropolis, Bangladesh- (Citation: Syed, MA; Nahitun N; **Mehmood, A**; Mohammed, SK; Nasim, S M A. Assessment of Post-crash Care System in Three Districts with High Burden of Road Traffic Crashes and Dhaka Metropolis, Bangladesh (English). (2024) Health; Nutrition and Population (HNP) discussion paper Washington, D.C.: World Bank Group.)
4. Co-authored World Health Organization Mass Casualty Incident Management Course – Georgia December 2019 Post-Instruction Course Assessment Report
5. Co-authored “Guidelines for the Management of Traumatic Brain Injury at Mulago National Referral Hospital, Kampala Uganda”- 2018
6. Contributed to WHO technical report on Emergency Care System Assessment in Zambia, 2016
7. Injury Prevention Program for Ministry of Health (co-author), as part of National Health Policy (December 2009)
8. Preliminary report after Ministry of Health's International consultation, National Trauma Care Program for Pakistan (NITPP) (March 2009)

### *Presentations to policymakers and other stakeholders*

- “Disaster preparedness among refugees”. Presented the pilot results of Prephugee Training program and discussed train the trainers program with Tampa Bay refugee settlement agencies on Feb 24, 2023
- Invited talk on “Mental health in communities” at AMA Annual women's meeting September 17, 2022, Orlando, FL.
- “Translating evidence into practice in Traumatic Brain Injury”. Presented the results of the traumatic brain injury registry in Uganda that culminated in the development of TBI guidelines, at the Annual General Meeting of the Association of Surgeons of Uganda on March 29, 2019 in Kampala, Uganda.
- “Global road Safety-state of the field, research needs and opportunities”. Presented on the significance of Road Safety as a Public Health issue at the National Academies, Board on Global Health, Fall meeting. November 27-28, 2017, Washington DC.
- “Emergency Medical Systems Assessment in Kampala Uganda- Results of pilot testing of a comprehensive assessment tool”. National Symposium on Emergency Medical Care; April 25, 2017. Resulted in a resolution by the delegates to consider, debate, and pass the necessary legislation to develop an effective Emergency Medical Services in Uganda
- “Building Capacity for trauma care to address road injury victims in LMIC” at the World Bank's Technical workshop on Road Safety and the new World Bank safeguards: training on multi-sectoral interventions; March 9, 2017 Washington DC.



- “Strengthening Emergency and Trauma Care in Khyber Pakhtunkhwa Province of Pakistan”. National Policy Forum on Emergency Care, January 28, 2013, Peshawar, Pakistan
- “Developing Capacities for Injury and Violence prevention”. Third Global Meeting of Ministry of Health Focal Points for Violence and Injury Prevention, September 2010, London UK
- “Road Traffic Injury Research and Prevention Center, Karachi: A Model for Integrated Injury Surveillance Mechanism”. Eastern Mediterranean Injury Focal Point Meeting, May 2009, Cairo, Egypt

#### *Consultations with policymakers and other stakeholders*

1. Development of an integrated Mass Casualty Management Program for the country of Georgia, 2019. High level meetings with several stakeholders and WHO regional office for alignment of functions and responsibilities including Incident Command System and Hospital Emergency Operations planning.
2. In Uganda, worked with the Makerere School of Public Health and the Ministry of Health to improve the pre-hospital medical system to engage in high level advocacy, generation of data and presentations to high officials about the subject. In April 2018 under the auspices of Ministry of Health, a combined resolution for improvement of EMS in the country was passed based on our recommendations.
3. As a part of Oman trauma care project, led the project with collaboration of the Ministry of Health and achieved the following:
  - Comprehensive evaluation of trauma care system
  - Development and implementation of electronic hospital-based trauma registry
  - Capacity building in injury surveillance and public health data collection
4. For a project focusing on comprehensive EMS assessment, three important objectives have been achieved
  - Development of a *Rapid Assessment Tool* for the evaluation of emergency medical services (EMS) based on health systems framework.
  - Pilot testing of the tool to perform an assessment of EMS in Kampala Uganda and informing the ministry of health about the gaps as well as providing recommendations.
  - Engagement with the stakeholders to disseminate the findings and preparing recommendations to improve pre-hospital care.
5. Comprehensive evaluation of the Qatar’s occupational injury prevention program including assessment of data sources for work-related injuries in Qatar, stakeholders’ engagement for prevention of work-related injuries as well as improving the reporting of such injuries.

#### *Other practice/ professional activities*

- Judge for USF Health Annual Research Day February 28, 2025. Tampa USA
- Reviewer for Global Health research proposals, National Institute for Health and Care Research, United Kingdom, 2024
- Facilitator, Bulls Disaster Summer Camp, 2024
- Judge for USF Health Annual Research Day March 1, 2024. Tampa USA.
- Reviewer for South Africa’s National Research Foundation evaluating the quality, impact and standing of the research portfolio of selected researchers 2024
- Developed and recorded Webinar on Disaster Management for the USF Lifelong Learning Academy, Jan 2023
- Trained more than 80 Tampa Bay refugees in disaster preparedness in 2022 and 2023 in partnership with local refugee settlement agencies.

- Judge for USF Health Annual Research Day March 3, 2023. Tampa USA.
- Review Committee for 2023 Florida Public Health Outstanding Woman of the Year
- Judge for USF Health Annual Research Day Feb 25, 2022. Tampa USA.
- Review Committee for 2022 Florida Public Health Outstanding Woman of the Year
- Led an observational study on “Mask Wearing Behavior in Tampa Bay” as part of the National Study of Mask Adherence and Distancing (SOMAD) during Summer 2021. Masking is a vital part of the strategy to control the COVID-19 pandemic, as masks limit spread of the air droplets that contain the virus. The objective of the study was to document the characteristics of individuals in public spaces who wear or don’t wear masks and do or do not maintain physical distancing according to recommended guidelines.
- Developed a Guide for Hospital Emergency Response planning for the WHO/ EURO in 2020. The Guide is based on a comprehensive emergency Management framework, follows the principles of Incident Command structure and covers all aspects of disaster cycle from risk assessment, mitigation, response planning, patient care and recovery.
- Developed a monitoring and evaluation plan for ‘Pakistan Lifesavers Program’, which is a national campaign for preparing Pakistani citizens to become skilled in cardiopulmonary resuscitation (CPR) and hemorrhagic control. The program aims to train 10 million citizens as “LifeSavers of Pakistan” in the skill of quality CPR and hemorrhage control over ten years, starting in 2020.
- Represented Johns Hopkins International Injury Unit at the 27<sup>th</sup> meeting of United Nations Road Safety Collaboration, April 10-11, 2019 in Crete, Greece. Participated as an expert member of the Pillar 5: Post-Crash Response Project group meeting.
- Led the development of a comprehensive training package for hospitals and other emergency medical response entities to respond to any incident that results in multiple casualties in collaboration with Johns Hopkins Department of Emergency Medicine, and WHO/ EURO. This 3-day course includes the train-the-trainer module, and the course was formally launched in February 2019.
- Advised and initiated a quality improvement program for emergency care of TBI patients in Uganda. Part of the program included convening an expert consultation meeting to develop consensus on guidelines for management of TBI patients in resource limited settings. I conducted the literature review for TBI management guidelines; organized and moderated the expert meeting in 2017, which included local and international neurosurgical experts; and participated in drafting “Guidelines for the Management of Traumatic Brain Injury at Mulago National Referral Hospital, Kampala Uganda” in 2018
- Helped conducting a system-level assessment using the WHO Emergency Care System Assessment (WHO ECSA) tool in Zambia in 2016 with the WHO office of Trauma and emergency care and the Ministry of Health, Zambia. Organized a working group comprised predominantly of local emergency care experts, to identify gaps and setting priorities for system development. I participated in analyzing and compiling the results, organizing the consensus meeting and report writing.
- Member of Global Alliance for the Care of the Injured (GACI) at the WHO 2016-2018. Focusing on Quality Improvement in trauma care and trauma registry development.
- Development of an electronic tool for real time data collection for road safety interventions and creating a database for Bloomberg’s initiative for road safety in ten cities 2016
- Development and implementation of an electronic registry in 2016 to capture the burden and clinical course of patients in the hospital with traumatic brain injury (TBI). The purpose is to develop a hospital-based database, that could help in TBI surveillance, help understand the factors that could affect the outcome of patients, involve local stakeholders in implementing evidence-based management protocols and also advocate for injury prevention in Uganda.

- Led the development and implementation of Hospital Mass Casualty Plan, The Aga Khan University Hospital (March 2013)



## RESEARCH

### GRANT PARTICIPATION

- USF College of Public Health “Characterizing the Impact of War-related Trauma and Displacement on the Health and Healthcare Needs of Refugees in the United States” 2025
  - Objectives: to examine the impact of war-related trauma and displacement on the health and wellbeing of children and adults, and the health-related needs of refugees residing in the US who came from countries affected by violent conflict.
  - Role: PI
  - Status: Active
- USF College of Public Health, New Vision Initiative Award: Community Disaster Preparedness and Resilience Training Program 2023
  - Objectives: The purpose of this program is to enhance community-based practices towards disaster preparedness and foster community resilience by training social workers and community leaders to promote preparedness and apply collective efficacy in post disaster period.
  - Role: PI
  - Collaborators: Lifelong Learning Academy
  - Status: Completed
- NIH R21/ R33: iRise: Willingness of Low-and Middle-Income Country-based Health Workers to Respond to Public Health Emergencies and Disasters - an mHealth Intervention Study 2021-2026
  - Objectives: The purpose of this two-part study is to develop, measure its effectiveness, and refine a novel mHealth intervention using an evidence-informed approach for building self-efficacy and enhancing emergency response willingness among LMIC-based emergency department health care workers.
  - Role: Co-I
  - Collaborators: Aga Khan University, Karachi Pakistan
  - Status: Completed
- World Health Organization, technical pool of consultants, HSA-2022
  - Aim: To support activities to strengthen health systems and services performance assessment and monitoring
  - Role: PI
  - Status: Completed
- USF College of Public Health Internal Award: *Prephugee*: Pilot test of a curriculum to increase awareness and self-efficacy towards disaster preparedness. 2021
  - Objectives: This study aims to assess the feasibility of strengthening self-efficacy among Tampa Bay refugees and employs two delivery settings to evaluate the efficacy of classroom vs. community outreach in meeting the goal of achieving household disaster preparedness.
  - Role: PI
  - Status: Completed
- Women’s Health Collaborative Grant, University of South Florida. Intentions, Barriers, and Supports for Women at All Stages of Childbearing in High Demand Professions 2021
  - Objectives: The specific aims include examination of work-life balance during pregnancy and the post-partum period; description of the impact of maternal discrimination; and exploration of the structural and organizational policies that minimize or contribute to work-family conflict of mothers in the workplace.
  - Role: Co-PI
  - Status: Completed

- Sunshine Education and Research Center, PPRT grant: A Needs Assessment of Workplace Policy and Practice for Women in High Demand Professions; 2021
  - Objectives: the objective of the proposed project is to document the experiences of women working in high-demand professions at all childbearing stages (pre-conception, gestation, and parenting) and to examine the organizational, cultural, and structural drivers of gender and maternal stressors in these work environments.
  - Role: Co-PI
  - Status: Completed
- R21NS085094 Traumatic Brain Injury (TBI) Across the Lifespan in Uganda Research Initiative, Fogarty International Center, NIH, July 2015- June 2019
  - Objective: To define the health and economic burden of traumatic brain injuries across the lifespan in Uganda through an innovative model of sustainable research collaboration
  - Role: Project Manager and lead faculty for oversight and technical input for the development and implementation of m-Health TBI registry, in-depth quantitative data analysis and dissemination activities. Also responsible for all non-research activities in the project including coordination, management, reporting and all capacity development and training activities. Provided technical assistance for the development of policies, procedures and guidelines for TBI management. Provided oversight for data management, cleaning, analysis and led scientific manuscript development.
  - Collaborators: Makerere University School of Public Health and Mulago National Referral Hospital, Uganda
  - Status: Completed
- “Work-related injuries- a unified registry for Qatar”, Qatar National Research Fund, 2015-2019 \$340,000
  - Objective: To help develop an occupational registry in Qatar, in order to reduce the burden, identify gaps in care and improve safety procedures, in collaboration with the HMC Injury Prevention Program, at the Hamad Medical Corporation, Doha Qatar
  - Role: Co-principal investigator. Led the planning and implementation of grant activities and advised on in-country stakeholder engagement. Provided technical assistance for comprehensive literature review search, developing frameworks for work-related injury prevention, policies protecting health and dignity of vulnerable labor population in Qatar and designing a comprehensive registry for work-related injury surveillance in health facilities. Provided guidance and framework for monitoring the outputs of the surveillance system and data analysis. Led manuscript writing workshop and assisted in developing survey questionnaires, study design and scientific manuscripts.
  - Collaborators: HMC Injury Prevention Program, at the Hamad Medical Corporation, Doha Qatar
  - Status: Completed
- Bloomberg Initiative for Global Road Safety, Bloomberg Philanthropies, 2015-2019
  - Objective: a multi-partner and multi-country program for monitoring and evaluation of road safety programs in ten cities
  - Role: Led digital data collection and data management for the project. In this role, I led the design and implementation of digital data collection program for real time observations of road injury risk factors in six cities including Accra (Ghana), Ho Chi Minh City (Vietnam), Bandung (Indonesia), Bangkok (Thailand), Mumbai (India), and Addis Ababa (Ethiopia). Also developed digital tools in an m-Health platform, data collection training manual and relevant teaching materials. To establish the reliability and productivity of the data collection method, I designed and led simultaneous paper and

- digital data collection pilot study in all the cities before switching to digital method.  
Provided oversight and monitoring of digital data collection activities in all cities
  - Status: Completed
- “Young Kids in Safe Seats – Qatar Program”, Qatar National Research Fund, 2015-2019
  - Objective: A randomized study to increase child restraint use in Qatar.
  - Role: Co-investigator; provided technical assistance in planning and implementation of the study. Helped develop study materials, questionnaires, rapid market survey for availability of child restraints. Participated in preparing manuscript drafts, and stakeholders’ engagements in Doha, Qatar. Provided technical support for designing and roll out of the intervention.
  - Collaborators: HMC Injury Prevention Program, at the Hamad Medical Corporation, Doha Qatar
  - Status: Completed
- “Development and Pilot testing of Tool for Rapid Assessment of Pre-hospital System in Kampala, Uganda,” Center for Global Health, 2015- 2016 \$50,000
  - Objective: To develop a tool for rapid assessment of EMS system by using the WHO guidelines on health systems framework and pre-hospital trauma care and pilot test it in the city of Kampala. The aim is to understand the capacity of the existing EMS system and identify the gaps in pre-hospital care in a developing country setting.
  - Role: Principal investigator responsible for entire research project and reporting
  - Collaborators: Makerere University School of Public Health, Ministry of Health
  - Status: Completed
- Johns Hopkins-Pakistan International Collaborative Trauma and Injury Research Training Program National Institutes of Health, 2011-2016.
  - Objective: To strengthen research capacity on acute care of trauma and injuries in Pakistan through an innovative model of sustainable capacity development.
  - Role: Project coordinator and capacity development lead. Served on advisory committee, planned and coordinated activities at the JHSPH as well as mentor for the students completing their post graduate studies in Epidemiology and Biostatistics as well as Health Policy and Management at the Aga Khan University, Karachi. Advised students during their thesis projects and provided feedback in development of dissertation and scientific manuscripts. Responsible for project reports and coordination between JHSPH and Pakistan.
  - Collaborators: Aga Khan University, Karachi and Khyber Medical University, Peshawar, Pakistan
  - Status: Completed
- Improving Trauma Care Systems to Reduce the Burden of Road Traffic Injuries in the Sultanate of Oman, The Research Council of Oman, 2014- 2015.
  - Objective: To evaluate, enhance capacity, and improve the quality of trauma care in the Sultanate of Oman by performing a comprehensive evaluation of trauma system, development and pilot testing of hospital-based trauma registry and capacity building activities focusing on injury surveillance and trauma management in collaboration with the Ministry of Health
  - Role: Project Manager and core faculty. Provided oversight and technical input for the conducting a comprehensive assessment of the Omani trauma care system using mixed methods, establishing hospital-based injury surveillance in two hospitals, data collection, analysis and dissemination activities. Also responsible for all non-research activities in the project including coordination, management and all capacity development and training activities. Led the development and implementation of m-Health trauma registry in two leading trauma hospitals of Oman using implementation science framework.

- Provided technical assistance for the development of policies, procedures and guidelines for implementation of surveillance system and injury prevention. Provided oversight for data management, cleaning, quantitative analysis and led scientific manuscript development. Responsible for project reporting and coordination.
- Collaborators: Ministry of Health and The Research Council of Oman
  - Status: Completed
- Bloomberg Road Safety Program, Bloomberg Philanthropies, 2010-2014.
    - Objective: Monitoring and Evaluation of Road safety programs in middle- and low-income countries; trauma systems strengthening
    - Role: Lead faculty for capacity building and trauma care improvement. Responsible for trauma care project reporting, provided support in trauma registry tool development, data analysis planning and implementation of trauma registries in five hospitals of Kenya and two hospitals in India. Participated in stakeholders' engagement in Kenya for pre-hospital care policy development.
  - Johns Hopkins University-Pakistan International Collaborative Trauma and Injury Research Training Program- Capacity Building Project on Trauma and HIV Research in Karachi, Pakistan. National Institute of Health, 2014-2015.
    - The overall goal of this proposal is to strengthen research capacity in Pakistan on intersection of HIV and trauma through small research grants and capacity building of ethics review committee members.
    - Role: Project Manager. Responsible for overall project management, review of small grant proposals, coordination of activities between Johns Hopkins and Aga Khan University, Pakistan and project reporting.
    - Collaborators: Aga Khan University, Karachi, Pakistan
    - Status: Completed

## PUBLICATIONS

*Journal Articles (signifies peer review):*

*\*Led by student/ trainee or junior faculty*

*\*\* Senior author*

1. **Mehmood A**, Tabari, M, Joyce A. Community based training to increase self-efficacy towards disaster preparedness and resilience among vulnerable populations. *Under review in Disaster Medicine and Public Health Preparedness*.
2. \*Crosier CJ, **Mehmood A**, Tatch K, Cisela DJ, Pract EE, Snyder CW. Pediatric Trauma Undertriage: Working Toward a Better Threshold Based on Trauma Center Resource Utilization. *Submitted in Children for peer review*.
3. Afzal B, Chhipa U-A, Asad N, Kang B-A, Barnett D, **Mehmood A**, et al. Emergency Health Care Workers' Preparedness and Willingness to Respond to a Dirty Bomb-related Disaster in Pakistan. *Disaster Medicine and Public Health Preparedness*. 2025;19:e282. doi:10.1017/dmp.2025.10208
4. Asad N, Afzal B, Chhipa UA, Kang B, Barnette DJ, **Mehmood A**, Ahuja A, Razzak JA. Willingness of Healthcare Workers to Respond During the Pandemics in LMIC: Implications for Public Health Emergency Preparedness. *Disaster Medicine and Public Health Preparedness*. [Online] 2025;19, e70,1-9.
5. Pracht E, Snyder C, Tsalatsanis A, Eldredge C, Pracht K, **Mehmood A**, Phuel R. Suicide ideation and intentional self-harm as a risk factor for readmission within one year following a trauma alert: A 10 year retrospective analysis. *International Journal of Mental Health*. 2024 Oct 1;53(4):353-63.
6. Tune SN, **Mehmood A**, Naher N, Islam BZ, Ahmed SM. A qualitative exploration of the facility-based trauma care for Road Traffic Crash patients in Bangladesh: When only numbers do not tell the whole story. *BMJ open*. 2023 Nov 1;13(11):e072850.

7. \*Rowther AA, **Mehmood A**, Saleem HT. Pediatric Emergency Teleconsultation in Pakistan: an Analysis of Telemedicine-Mediated Discourse approach (Submitted in *SSM - Health Systems*)
8. Snyder C, Barry T, Ciesla D, Thatch K, Danielson P, Chandler N, **Mehmood A**, Pracht E. Children at high risk for physical abuse in Florida: initial hospital presentation and implications for secondary injury prevention. resources (Under review in the *Injury Prevention*)
9. **Mehmood A**, Barnette DJ, Kang B, Chhipa UA, Asad N, Afzal B, Razzak JA. Enhancing willingness-to-respond to disasters and public health emergencies among Health care workers using mHealth intervention: A multidisciplinary approach. *Disaster Medicine and Public Health Preparedness* [Online] 2023;; 1–19.
10. \*Kang B, Barnette DJ, Chhipa UA, **Mehmood A**, Afzal B, Razzak JA, Asad N. The role of risk perception and self-efficacy in willingness to respond to weather disasters among emergency medicine healthcare workers in Pakistan. *Disaster Medicine and Public Health Preparedness*. [Online] 2023;; 1–26.
11. \*\*Al-Hajj, S., El Haj, R., Chaaya, M., Sharara-Chami, R., & **Mehmood, A**. Child Injuries in Lebanon: Assessing Mothers Injury Prevention Knowledge Attitude and Practices—A Cross Sectional Study. *Injury Epidemiology*. 2023;10.
12. \*Khatlani K, Azam I, Baqir M, **Mehmood A**, Pasha-Razzak O. Exploring the relationship between intimate partner violence during pregnancy and stillbirths. *Injury*. 2023 Aug 1;54:110477
13. \*Ahmed FA, Martins RS, Ali D, Haroon MA, **Mehmood A**, Faruqui N. The impact of community medical camps on medical students and graduates' education. *JPMa*. 2023 Jun;73(1183):1.
14. \*Usoro A, **Mehmood A**, Rapaport S, Ezeigwe AK, Adeyeye A, Akinlade O, Dias J, Barnett DJ, Hsu EB, Tower C, Razzak J. A Scoping Review of the Essential Components of Emergency Medical Response Systems for Mass Casualty Incidents. *Disaster Medicine and Public Health Preparedness*. 2023 Jan 4:1-2.
15. \*\*Pecoraro J, Bakour C, Oberne A, **Mehmood A**. Masking Behaviors in the Absence of Local Mandate—An Observational Study from Hillsborough County, Florida. *International Journal of Environmental Research and Public Health*. 2022 Jan;19(23):15982.
16. \*Tsai SH, Chen CH, Tischler EH, Kurian SJ, Lin TY, Su CY, Osgood GM, **Mehmood A**, Fu TS. Fat Embolism Syndrome and in-Hospital Mortality Rates According to Patient Age: A Large Nationwide Retrospective Study. *Clinical Epidemiology*. 2022;14:985-996.
17. \*Rowther AA, **Mehmood A**, Razzak JA, Atiq H, Castillo-Salgado C, Saleem HT. “You can only help them save the patient once they trust you”: Clinician perspectives and theories of use of a pediatric emergency teleconsultation program. *SSM-Qualitative Research in Health*. 2022 Aug 20:100150.
18. Puttock EJ, Marquez J, Young DR, Shirley AM, Han B, McKenzie TL, Smith NJ, Manuel K, Hoelscher D, Spear S, Ruiz M, et al. Association of masking policies with mask adherence and distancing during the SARS-COV-2 pandemic. *American Journal of Infection Control*. 2022 May 8.
19. \*\* Gómez-García L, Hidalgo-Solórzano E, Pérez-Núñez R, Jacobo-Zepeda VF, Ascencio-Tene RG, Lunnen JC, and **Mehmood A**. Factors associated with the severity of road traffic injuries from emergency department-based surveillance system in two Mexican cities. *BMC Emergency Medicine*. 2022 Jan;22(1):1-1.
20. Consunji RJ, Mekkodathil A, El-Menyar A, **Mehmood A**, Sathian B, Hyder AA, et al. Direct Healthcare Costs of Moderate and Severe Work-Related Injuries: Estimates from the National Trauma Center of Qatar. *International Journal of Environmental Research and Public Health*. 2022 Jan;19(3):1609.

21. Liller KD, **Mehmood A**. The important role for physicians as advocates for firearm and road traffic injury prevention. *American Journal of Lifestyle Medicine*. August 2021. doi:10.1177/15598276211029221
22. **Mehmood A**, Rowther AA, Kobusingye O, Ssenyonjo H, Zia N, Hyder AA. Delays in Emergency Department Intervention for Traumatic Brain Injury Patients in Uganda. *Trauma surgery & acute care open* 2021 Aug 1;6(1):e000674..
23. \*Tsai HS, Osgood MG, Canner JK, **Mehmood A**, Owodunni O, Su C et al. Trauma Center Outcomes after Transition from Level 2 to Level 1: A National Trauma Data Bank Analysis. *Journal of Surgical Research* 2021 Aug 1;264:499-509.
24. Snyder C, Ciesla D, Thatch K, **Mehmood A**, Pracht E. Pediatric trauma undertriage: an empiric definition based on risk of requiring pediatric trauma center resources (Under review in the *Journal of Pediatric Surgery*).
25. Consunji R, **Mehmood A**, Hirani N, El-Menyar A, Abeid A, Hyder AA et al. Occupational Safety and Work-Related Injury Control Efforts in Qatar: Lessons Learned from a Rapidly Developing Economy. *Int. J. Environ. Res. Public Health* 2020, 17(18), 6906
26. \*Taber N, **Mehmood A**, Vedagiri P, Gupta S, Pinto R, Bachani A. Paper Versus Digital Data Collection Methods for Road Safety Observations: Comparative Efficiency Analysis of Cost, Timeliness, Reliability, and Results. *Journal of Medical Internet Research*, Feb 2020. DOI: 10.2196/17129
27. Consunji R, Malik S, Allen KA, **Mehmood A**, Tariq T, Hyder AA, Al-Thani H, Peralta R. A rapid market survey on the availability of car seats in Qatar: Implications for child passenger safety. *Qatar Medical Journal*. 2019 Aug 6;2019(1):8.
28. **Mehmood A**, Taber N, Bachani A, Gupta S, Paichadze N, Hyder AA. Paper vs. Digital Data Collection for Road Safety Risk Factors: A reliability comparative analysis from three cities in low- and middle-income countries. *Journal of Medical Internet Research* 2019;2195):e13222. doi: 10.2196/13222. PMID: 31140431 PMCID: PMC6658257
29. **Mehmood A**. Global Surgery: Could Systems thinking be the key to success? *J Pak Med Assoc*. 2019 Feb;69(Suppl 1)(1):S86-S89. PMID: 30697027
30. \*Zia N, **Mehmood A**, Namaganda R, Ssenyonjo H, Kobusingye O, Hyder AA. Causes and outcomes of traumatic brain injuries in Uganda: analysis from a pilot hospital registry. *Trauma surgery & acute care open*. 2019 Feb 1;4(1):e000259 doi: 10.1136/tsaco-2018-000259
31. **Mehmood A**, Wadhwanian S, Zziwa EB, Kobusingye O. Dying due to poverty and lack of safe transport: A qualitative study on pre-hospital emergency medical services in Kampala, Uganda (*BMC Public Health*) doi: 10.21203/rs.2.13056/v1
32. **Mehmood A**, Hung YW, He Huan, Ali S, Bachani AM. Performance of injury severity measures in trauma research: a literature review and validation analysis of studies from Low- and Middle-Income Countries. *BMJ Open* 2018;0:e023161. doi:10.1136/bmjopen-2018-023161
33. **Mehmood A**, Zia N, Kobusingye O, Namaganda R, Ssenyonjo H, Kiryabwire J, Hyder AA. Determinants of emergency department disposition of traumatic brain injury patients in Uganda, results from a registry. *Trauma Surg Acute Care Open*. 2018;0:e000253
34. **Mehmood A**, Rowther AA, Kobusingye O, Hyder AA. Assessment of pre-hospital emergency medical services in low-income settings using a Health Systems approach. *International Journal of Emergency Medicine*. 2018 Dec;11(53). <https://doi.org/10.1186/s12245-018-0207-6>
35. **Mehmood A**, Agrawal P, Allen K, Al-Kashmiri A, Al-Busaidi A, Hyder AA. Childhood injuries in Oman: Retrospective review of a multicenter trauma registry data. *BMJ Paediatrics Open*. 2018;2:e000310. doi: 10.1136/bmjpo-2018-000310
36. **Mehmood A**, Maung Z, Consunji RJ, El-Menyar A, Peralta R, Al-Thani H, Hyder AA. Work related injuries in Qatar: a framework for prevention and control. *Journal of Occupational Medicine and Toxicology*. 2018 Dec 1;13(1):29. PMID: 30202423; PMCID: PMC6126035

37. **Mehmood A**, Zia N, Hoe C, Kobusingye O, Ssenyojo H, Hyder AA. Traumatic Brain Injury in Uganda: Exploring the use of a hospital-based registry for measuring burden and outcomes. *BMC Res Notes*. 2018 May 15;11(1):299. PMID: 29764476 PMCID: PMC5952367
38. Bachani AM, Taber N, **Mehmood A**, Hung YW, Botchey I, Al-Kashmiri A, Hyder AA. Adolescent and Young Adult Injuries in Developing Economies: A Comparative Analysis from Oman and Kenya. *Annals of Global Health*. 2017;83(5-6):791. PMID: 29248096
39. **Mehmood A**, Chan E, Allen KA, Al-Kashmiri A, Al-Busaidi A, Al-Abri J, Al-Yazidi M, Al-Maniri A, Hyder AA. Development of an mHealth Trauma Registry in the Middle East using an implementation science framework. *Global Health Action* 2017; 10(1): 1380360. PMCID: PMC5678440
40. \*Hung YW, He H, **Mehmood A**, Botchey I, Saidi H, Hyder AA, Bachani AM. Exploring injury severity and in-hospital injury mortality: a multi-hospital study in Kenya. *Injury*. 2017 48(10):2112-2118. PMID: 28716210
41. \*Botchey I, Hung YW, Bachani AM, Paruk F, **Mehmood A**, Saidi S, Hyder AA. Epidemiology and outcomes of injuries in Kenya: a multisite surveillance study. *Surgery*, 2017;162(6), S45-S53. PMID: 28385178
42. **Mehmood A**, Allen K A, Maniri A A, Kashmiri A A, Yazidi M A, Hyder AA. Trauma Care in Oman- A call for Action. *Surgery*, 2017; ;162(6), S107-S116. PMID: 28351526
43. \*Mawani M, Kadir MM, Azam I, **Mehmood A**, McNally B, Stevens K, Nuruddin R, Ishaq M, Razzak JA. Epidemiology and outcomes of out-of-hospital cardiac arrest in a developing country-a multicenter cohort study. *BMC Emerg Med*. 2016 Jul 28;16(1):28. PMID: 27465304 PMCID: PMC4963996
44. **Mehmood A**, He S, Zafar W, Baig N, Sumalani FA, Razzak JA. How vital are the vital signs? a multi-center observational study from emergency departments of Pakistan. *BMC Emergency Medicine* 2015, 15(Suppl 2):S10. PMCID: PMC4682394; PMID: 26690816
45. **Mehmood A**, Razzak JA, Mir MU, Jooma R. Differences in risk-adjusted outcome of road traffic injuries in Urban Tertiary Care Centers of Pakistan. *J Pak Med Assoc*. 2015 Sep;65(9):984-889 PMID: 26338746
46. **Mehmood A**, Moin A, Khan IQ, Mir MU, Jooma R. Vulnerable road users are at greater risk during Ramadan—results from road traffic surveillance data. *J Pak Med Assoc*. 2015;65(3):287-91. PMID: 25933563
47. Afzal B, **Mehmood A**, Shahbaz S, Zai T. Predictors of outcome in patients with moderate to severe hyperkalemia. *Emergency Medicine* 4 (2014): 169
48. **Mehmood A**, Razzak J, Kabir S, Mackenzie E, Hyder AA. Development and pilot implementation of a locally developed Trauma Registry: lessons learnt in a low-income country. *BMC Emergency Medicine* 2013, 13:4 PMID: 23517344 PMCID: PMC3606628
49. \*\*Fayyaz J, Khursheed M, Mir MU, **Mehmood A**. Missing the boat: odds for the patients who leave ED without being seen. *BMC Emergency Medicine* 2013, 13:1. PMCID: PMC3571890; PMID: 23324162
50. Razzak JA, Shamim MS, **Mehmood A**, Hussain SA, Ali MS, Jooma R. A successful model of road traffic injury surveillance in a developing country: process and lessons learnt. *BMC Public Health*. 2012; 12(1):357. PMID: 22591600; PMCID: PMC3508990.
51. **Mehmood A**, Ejaz K, Ahmed T. Severity of Plasmodium vivax in Karachi: A Cross Sectional Study. *J Infect Dev Ctries* 2012; 6(9):664-670. PMID: 23000866
52. **Mehmood A**, Afzal B, Khursheed M. Overcrowded Emergency Departments: A problem looking for Solution. *Pak Med Assoc*. 2012 Jun;62(6):529-30
53. **Mehmood A**, Razzak JA, Baqir, SM, Shahid M. Undergraduate Clerkship in Emergency Medicine Experience from Pakistan. *J Pak Med Assoc*. 2011 Nov;61(11):1120-2. PMID: 22125992



54. **Mehmood A**, Ejaz, K, Pishori TI. Malignant Psoas Abscess or Pseudomyxoma extraperitonei? *J Coll Physicians Surg Pak*. 2011 Sep;21(9):567-8. PMID 21914418.
55. Bhatti JA, **Mehmood A**, Shahid M, Bhatti SA, Akhtar U, Razzak JA. Epidemiological patterns of suicide terrorism in the civilian Pakistani population, *International Journal of Injury Control and Safety Promotion*, 2011, Sep; 18(3): 205-211. PMID: 21462019
56. **Mehmood A**, Khan MAM. Biliary stones: an atypical cause of abdominal pain in pediatric age group. *J Pak Med Assoc* December 2010;60(12):1042-1044. PMID: 21381561.
57. Ather MH, Shrestha B, **Mehmood A**. Does ureteral stenting prior to shock wave lithotripsy influence the need for intervention in steinstrasse and related complications? *Urologia Internationalis*. 2009;83(2):222-5. PMID 19752621
58. **Mehmood A**. Chinese coal mines--the industrial death trap. *Journal of the Pakistan Medical Association*. 2009;59(9):649. PMID 19750869

*Peer reviewed published abstracts:*

1. Horne M, Robinson A, Moreau C, Barley Y, Oberne A. Local Signage as a Factor in Determining Community Masking Behavior. APHA 2022 Annual Meeting and Expo
2. Snyder C, Barry T, Ciesla D, Thatch K, Danielson P, Chandler N, **Mehmood A**, Pracht E. 062 Young children at high risk for physical abuse in Florida: initial presentation and implications for injury prevention. *Injury Prevention* 2022; 28 (Supp 1) A-22
3. Pracht E, Snyder C, Tsalatsanis A, Eldredge C, **Mehmood A**, Pracht K, Phuel R. 049 Suicide ideation and intentional self-harm as a risk factor following a trauma alert. *Injury Prevention* 2022; 28 (Supp 1) A16-17
4. Paw E, Shammassian B, **Mehmood A**, et al 4B.001 Qualitative assessment of trauma care in Hanoi, Vietnam *Injury Prevention* 2021;27:A33.
5. Penuela M, Jella T, **Mehmood A**, Fuller A, Wright C, Shammassian BH. Indicator Measurement and Outcome Reporting Following Short-Term Neurosurgical Mission Trips: A Systematic Review (1960-2020), *Neurosurgery*, Volume 67, Issue Supplement\_1, December 2020,
6. **Mehmood A**, Afukaar F, Bachani A, Hyder AA. SM 03-1640 Harnessing the potential of mobile technologies: mhealth applications for injury surveillance and control. *Injury Prevention*. 2018 Nov;24(Suppl 2):A264
7. Hyder AA, **Mehmood A**, Botchey I, Junaid R. Kobusingye O. PW 1644 Emergency medical systems in low-and middle-income countries: the need, the experience, and the way forward. *Injury Prevention*. 2018 Nov;24(Suppl 2):A250-A251
8. Paichadze N, **Mehmood A**, Bayiga E, Luggya T, Kalanzi J, Kobusingye O. PW 1287 Emergency medical services in Kampala, Uganda: results from piloting a rapid assessment tool. *Injury Prevention*. 2018 Nov;24(Suppl 2):A249
9. Rowther A, **Mehmood A**. PW 1066 A review of performance indicators for emergency medical services: mapping the state of the field. *Injury Prevention*. 2018 Nov;24(Suppl 2):A248
10. Consunji R, Nirani R, Thomas S, Luzano K, **Mehmood A**, Abeid A et al. PW 1457 Self-reported contributory factors for work-related injuries in Qatar: findings from the WURQ in-patient survey. *Injury Prevention*. 2018 Nov;24(Suppl 2):A212
11. Consunji R, Abeid A, **Mehmood A**, Mollazehi M, El-Menyar A, Al-Thani H, Hyder A, Peralta R. PW 1424 Trends and patterns of work-related road traffic injuries involving heavy vehicles in Qatar. *Injury Prevention*. 2018 Nov;24(Suppl 2):A211
12. Paichadze N, **Mehmood A**, Ortiz AV, Bachani AM, Hyder AA. PW 1797 Digitizing data collection for roadside observational studies: the process and experience. *Injury Prevention*. 2018 Nov;24(Suppl 2):A181-182
13. **Mehmood A**, Zia N, Ssenyonjo H, Kiryabwire J, Hyder AA. PW 1040 Clinical presentation of traumatic brain injury victims: data from a tertiary-care hospital in Kampala, Uganda. *Injury Prevention*. 2018 Nov;24(Suppl 2):A172



14. **Mehmood A**, Zia N, Namaganda R, Kobusingye O, Hyder AA. PW 1038 Causes and outcomes of unintentional traumatic brain injury in Uganda. *Injury Prevention*. 2018 Nov;24(Suppl 2):A171-172
15. **Mehmood A**, Zia N, Hoe C, Kobusingye O, Hyder AA. PW 1037 Traumatic brain injury in Uganda—development of hospital based mHealth registry using injury surveillance framework. *Injury Prevention*. 2018 Nov;24(Suppl 2):A171
16. **Mehmood A**, Zia N, Namaganda R, Kobusingye O, Hyder AA. PW 1038 Causes and outcomes of unintentional traumatic brain injury in Uganda. *Injury Prevention*. 2018 Nov;24(Suppl 2):A171-172
17. **Mehmood A**, Hung YW, He H, Ali S, Bachani A. PW 0706 Using injury severity measures in trauma research—a review from low-and middle-income countries. *Injury Prevention*. 2018 Nov;24(Suppl 2):A169
18. **Mehmood A**, Agrawal P, Allen K, Al-Busaidi A, Al-Kashmiri A, Hyder AA. Hospital burden of pediatric injuries in Oman. *Injury Prevention*. 2018 Nov;24(Suppl 2):A169
19. Zia N, **Mehmood A**, Mukasa J, Muhuzuma M, Hyder AA. PW 1039 Causes and outcomes of intentional traumatic brain injury in Uganda. *Injury Prevention*. 2018 Nov;24(Suppl 2):A106
20. Hirani N, Peralta R, **Mehmood A**, Abeid A, El-menyar A, Al-thani H et al. The epidemiology of work-related road traffic injuries in Qatar: road user characteristics inform injury prevention programs. *Qatar Foundation Annual Research Conference Proceedings 2018* (4). SSAHPD630
21. Hirani N, Consunji R, Thomas S, Luzano K, **Mehmood A**, Abeid A, et al. Self-reported contributory factors for work-related injuries in Qatar: Findings from WURQ inpatient survey. *Qatar Foundation Annual Research Conference Proceedings 2018* (4). SSAHPD625
22. Hirani N, Consunji R, Abeid A, **Mehmood A**, Mullazehi M, El-menyar A, et al. Trends and patterns of work-related road traffic injuries involving heavy vehicles in Qatar. *Qatar Foundation Annual Research Conference Proceedings 2018* (4). SSAHPD622
23. Botchey IM, Hung YW, **Mehmood A**, Bachani A, Hassan S, Hyder AA. The Burden of Matatu Bus Crashes in Kenya. *Prehospital and Disaster Medicine*. Cambridge University Press; 2017;32(S1):S192–S192.
24. Botchey IM, Paruk F, Hung YW, **Mehmood A**, Bachani A, Hassan S, et al. Establishing mHealth Injury Surveillance Systems in Kenya. *Prehospital and Disaster Medicine*. Cambridge University Press; 2017;32(S1):S61–S61.
25. **Mehmood A**, Allen KA, Al-Kashmiri A, Al-Buasidi A, Al-Maniri A, Stevens K, Hyder AA, Botchey IM, Hung YW, He H, Bachani AM. 948 Urban versus rural injury differences in Oman: results from a prospective trauma registry. *Injury Prevention*. 2016 Sep;22(2):A337.
26. **Mehmood A**, Consunji R, Peralta R, Abdelhamid R, El-Menyar A, Allen KA, Malik S, Thomas S, Al-Thani H, Hyder A, Irfan F. 992 Time trends in work-related injuries in qatar: an analysis of hospital trauma registry data. *Injury Prevention*. 2016 Sep;22(2):A353.
27. **Mehmood A**, Chan E, Allen K, Al-Kashmiri A, Al-Buasidi A, Stevens K, Al-Maniri A, Hyder AA. 338 Development and pilot test of an mhealth Trauma Registry in Oman. *Injury Prevention* 2016 Sep;22(2):A124.
28. **Mehmood A**, Allen KA, Salami J, Al-Kashmiri A, Al-Busaidi A, Stevens K, Hyder AA. 306 Prehospital care in Oman: results from hospital-based trauma registry. *Injury Prevention*. 2016 Sep;22(2):A111-2.
29. Hyder AA, **Mehmood A**, Peralta R, Consunji R, Allen K. 39 Child and adolescent injuries in the Arab Gulf: understanding the burden and risk factors. *Injury Prevention*. 2016 Sep;22(2):A15-16.
30. Consunji R, **Mehmood A**, Irfan F, Abdelhamid R, Peralta R, El-Menyar A, Allen KA, Malik S, Al-Thani H, Hyder A, Liu X. A five-year time trend analysis of road traffic injuries and deaths among infants and toddlers in Qatar. *Injury Prevention*. 2016 Sep;22(2):A326.

31. Consunji R, **Mehmood A**, Irfan F, Abdelhamid R, Peralta R, El-Menyar A, Allen KA, Malik S, Al-Thani H, Hyder A. 770 An evaluation of the utility of various data sources for occupational injury surveillance. *Injury Prevention*. 2016 Sep;22(2):A275-6.
32. Khatlani K, Azam I, Baqir M, **Mehmood A**, Pasha O. 387 Evaluating Intimate Partner Violence in pregnancy and stillbirths in a community setting in Pakistan. *Injury Prevention*. 2016 Sep;22(2):A142.
33. **Mehmood A**, Paichadze N, Bayiga E, Sloboda A, Luggya T, Kalanzi J, Kobusingye O. 594 Development and pilot-testing of rapid assessment tool for prehospital care in Kampala, Uganda. *Injury Prevention* 2016 Sep;22(2):A213.
34. Consunji R, Allen KA, Peralta R, Abdelhamid R, Malik S, **Mehmood A**, Hyder AA. 922 Child restraint use in the state of Qatar: findings from an observational study. *Injury Prevention* 2016 Sep;22(2):A328.
35. **Mehmood A**, Ellen KA, Salami J, Al-Yazidi M, Al-Abri J, Hyder AA. 918 Pattern of childhood injuries: findings from hospital-based injury surveillance system in Oman. *Injury Prevention* 2016 Sep;22(2):A327.
36. Hyder AA, Botchey I, **Mehmood A**, Kobusingye O, Razzak J.31 Developing and evaluating trauma care systems in low- and middle-income countries (LMICs): experiences in Africa. *Injury Prevention* 2016 Sep;22(2):A12-A13
37. Khatlani K, Azam I, Baqir SM, **Mehmood A**, Duke C, Pasha O. Assessing the Link Between Intimate Partner Violence in Pregnancy and Stillbirths [1F]. *Obstetrics & Gynecology*. 2016 May 1;127:50S-1S.
38. Schellenberg M, Stevens K, **Mehmood A**. Thromboelastography (TEG) in the management of trauma: implications for the developing world. *Can J Surg*. 2015 58 (2 Suppl 1), S3.
39. Mawani M, Razzak J, Kadir M, Azam I, **Mehmood A**. Burden Of Non-traumatic Out-of-hospital Cardiac Arrest In Karachi, Pakistan: Estimation Through The Capture-recapture Method: 538 *Academic Emergency Medicine*. May 2014; 21:S225
40. **Mehmood A**, Razzak JA, Kabir S, MacKenzie EJ, Hyder AA. Pilot testing of trauma registry in a single tertiary care hospital of Pakistan: results from initial data analysis. *Injury prevention* 2012 Oct;18(Suppl 1):A41-A41
41. **Mehmood A**, Razzak JA, Mir MU, Jooma R. Differences in risk-adjusted outcome of road traffic injuries in Urban Tertiary Care Centers of Pakistan: Analysis of surveillance data. *Injury prevention* 2012 Oct; 18 (Suppl 1):A235-A235
42. **Mehmood A**, Razzak JA, Raza S, Mumtaz N, Ejaz K. Locally developed trauma registry: a novel solution for low income settings. *Injury prevention* 2010 Sep;16 (Suppl 1):A2220-A221
43. Waseem H, Razzak JA, Naseer R, **Mehmood A**. Pre-hospital management in terrorist MCI's in Punjab, Pakistan- Year 2009. *Injury prevention* 2010 Sep;16 (Suppl 1):A196
44. **Mehmood A**, Ejaz K, Razzak JA. Pretest of a locally developed trauma registry. *Injury prevention* 2010 Sep;16 (Suppl 1):A222-A222

#### Scientific Meetings – Oral Presentations

1. "Design and Implementation of an online Community Disaster Preparedness and Resilience Program" Florida Public Health Association Annual Meeting, July 30, 2024.
2. "Prephugee: Pilot test of a curriculum to increase awareness and self-efficacy towards disaster preparedness". at the 14<sup>th</sup> World Safety Conference, November 2022, Adelaide, Australia
3. "The role of Emergency Physicians as advocates for injury prevention". 20<sup>th</sup> International Conference on Emergency Medicine 2021, June 8-12, 2021 (Virtual) UAE.
4. "Delays in Emergency Department Intervention for Traumatic Brain Injury Patients in Uganda." 5th World Trauma Congress in Collaboration with the American Association for the Surgery of Trauma (AAST), February 14-18, 2021(virtual) USA.

5. "Strategies for creating useful, relevant curricula for Emergency Medicine physician training programs in low-resource settings" at the Annual Meeting of the Society of Academic Emergency Medicine, May 14, 2019, Las Vegas, USA.
6. "Harnessing the potential of mobile technologies: m-Health applications for injury surveillance and control" at the 13<sup>th</sup> World Safety Conference, November 6, 2018, Bangkok, Thailand.
7. "Determinants of Emergency Department Discharge Disposition of Patients with Traumatic Brain Injury in a Tertiary Care Hospital of Uganda." At the 77th Annual Meeting of AAST and 4th World Trauma Congress, September 28, 2018, San Diego, USA.
8. "Hospital based Trauma Registry in Oman; Development and findings from a pilot study", at the World Safety Conference, September 2016, Tampere Finland.
9. "Urban versus rural injury differences in Oman: results from a prospective trauma registry", at the World Safety Conference, September 2016, Tampere Finland.
10. "Pattern of childhood injuries: Findings from hospital-based injury surveillance system in Oman", at the World Safety Conference, September 2016, Tampere Finland.
11. "Evaluating intimate partner violence in pregnancy and stillbirths in a community setting in Pakistan", at the World Safety Conference, September 2016, Tampere Finland.
12. "Quality of care and trauma registries; case studies from three settings", at the World Safety Conference, September 2016, Tampere Finland.
13. "Information systems and epidemiological surveillance in unintentional injuries" at the National Reunion for Accidents Prevention on Vulnerable Groups, November 6, 2015, Mexico City, Mexico.
14. "Innovative models of hospital-based trauma registries: case studies from high and low-income countries" at the 4th Annual Emergency Medicine Conference, September 15, 2015, Karachi Pakistan.
15. "Global Burden of Injuries and the use of Trauma Registries" at the Uganda National Injury Forum, February 12, 2015, Kampala, Uganda.
16. "Emergency medical Services in Uganda", at the Uganda National Injury Forum, February 12, 2015, Kampala, Uganda.
17. "Severity of injury among motorcyclists in Hyderabad city, India: Findings from hospital injury surveillance," 142nd Annual meeting of American Public Health Association. November 19, 2014, New Orleans, USA.
18. "Trauma Care System in Pakistan," 99th Annual Meeting of American College of Surgeons, October 8, 2013, Washington DC, USA.
19. "Who is dying in ED: An analysis of ED deaths from a tertiary care center of Pakistan- World Congress on Disaster and Emergency Medicine," May 2013, Manchester, United Kingdom.
20. "Pilot testing of Trauma Registry in a Single Tertiary Care Hospital of Pakistan: Results and Lessons Learnt." Research Retreat, Department of Emergency Medicine, Aga Khan University, December 2012, Karachi, Pakistan.
21. "Factors Affecting the Decision to Resuscitate in critically ill Emergency Department Patients." 3rd Annual Public Health Conference on Social Determinants of Health: Issues and Challenges in Pakistan. December 2012, Islamabad, Pakistan.
22. Pilot testing of Trauma Registry in a Single Tertiary Care Hospital of Pakistan: Results from Initial Data Analysis – World Safety conference, October 2012, Wellington, New Zealand.
23. "Who is dying in ED: analysis of ED deaths from a tertiary care hospital of Pakistan- Annual Emergency Medicine Conference, April 26, 2012, Karachi, Pakistan.
24. Epidemiological Patterns of Suicide Bombing in Pakistan. Third Annual APPNA & YPPRC National Research Seminar, 2009, Karachi, Pakistan.

*Scientific Meetings – Poster Presentations*

1. Filipowicz, R; Levine M, Tanner JP and Mehmood A. “Determining Factors Contributing to Pandemic Resilience Among Georgia Counties with High Social Vulnerability”. APHA Annual Meeting October 27-23 2024, Minneapolis, MN, USA.
2. Montalvo NR, Soifoine S, Tabari MM, Hoare I, & Dr. Amber Mehmood A. ‘Prephugee, a disaster training program based to increase self-efficacy among refugees’ at the USF Annual Research Day March 3, 2023. Tampa USA
3. Tabari MM, Montalvo NR, Soifoine S, Hoare I, & Dr. Amber Mehmood A. ‘Prephugee, a disaster training program based to increase self-efficacy among refugees- results of a pilot study’ at the USF Annual Research Day March 3, 2023. Tampa USA
4. Oberne A, Chighaf Bakour C, Jessica Pecoraro J, & **Mehmood A**. ‘Mask wearing and social distancing in Tampa, Florida and California – a comparative observational study’ at the APHA Annual Meeting, Nov 6-9, 2022 Boston, MA, USA
5. Olaore P, Pitter SJ, Montes I, Dantuluri N, Marshall M, **Mehmood A**, McGuire-Wolfe C. ‘PAiD: Parenting and Industry in High Demand Professions - A Literature and Policy Analysis’ at the APHA Annual Meeting, Nov 6-9, 2022 Boston, MA, USA
6. Horne, M, Pecoraro, J, Barley, Y, Moreau, C, Robinson, A, Oberne, A, Bakour, C, & **Mehmood, A**. ‘Local Signage as a Factor in Determining Community Masking Behavior’ at the USF Annual Research Day Feb 25, 2022. Tampa USA.
7. Robinson, A, Barley, Y, Horne, M, Moreau, C, Pecoraro, J, Oberne, A, Bakour, C, & **Mehmood, A**. ‘Trends in Child Masking Behaviors in the Tampa Area Surrounding the Start of the 2021-2022 School Year’ at the USF Annual Research Day Feb 25, 2022. Tampa USA.
8. Barley, Y, Moreau, C, Robinson, A, Horne, M., Pecoraro, M., Bakour, C., Oberne, A, & **Mehmood, A**. ‘Differences in Masking Behavior Between Various Racial Groups in the Tampa Area’ at the USF Annual Research Day Feb 25, 2022. Tampa USA.
9. Kothapalli, S, Nguyen, PL, Farrell, C., Reyes, Schuetz, A, Oberne, A, Bakour, C, and **Mehmood, A**. ‘Weekdays or Weekends: Does the prevalence of mask-wearing differ by day of the week?’ at the USF Annual Research Day Feb 25, 2022. Tampa USA.
10. **Mehmood A**, Zia N, Hoe C, Kobusingye O, Hyder AA. “Traumatic brain injury in Uganda– development of hospital based mHealth registry using injury surveillance framework” at the at the CUGH, March 8-10, 2019, Chicago, USA
11. Zia N, **Mehmood A**, Namaganda R, Kobusingye O, Hyder AA. “Causes and outcomes of unintentional and intentional traumatic brain injury in Uganda- analysis from a hospital based TBI registry” at the CUGH, March 8-10, 2019, Chicago, USA
12. **Mehmood A**, Zia N, Namaganda R, Kobusingye O, Hyder AA. “Causes and outcomes of unintentional traumatic brain injury in Uganda” at the World Safety Conference, November 5-7, 2018, Bangkok, Thailand
13. **Mehmood A**, Agrawal P, Allen K, Al-Busaidi A, Al-Kashmiri A, Hyder AA. “Hospital burden of pediatric injuries in Oman” at the World Safety Conference, November 5-7, 2018, Bangkok, Thailand
14. **Mehmood A**, Hung YW, He H, Ali S, Bachani A. “Using injury severity measures in trauma research—a review from low-and middle-income countries” at the World Safety Conference, November 5-7, 2018, Bangkok, Thailand
15. **Mehmood A**, Zia N, Ssenyonjo H, Kiryabwire J, Hyder AA. “Clinical presentation of traumatic brain injury victims: data from a tertiary-care hospital in Kampala, Uganda” at the World Safety Conference, November 5-7, 2018, Bangkok, Thailand
16. **Mehmood A**, Zia N, Hoe C, Kobusingye O, Hyder AA. “Traumatic brain injury in Uganda– development of hospital based mHealth registry using injury surveillance framework” at the World Safety Conference, November 5-7, 2018, Bangkok, Thailand

17. Zia N, **Mehmood A**, Kobusingye O, Namaganda R, Ssenyonjo H, Hyder AA. "Gender-related characteristics of traumatic brain injury patients: data from a tertiary-care hospital in Kampala, Uganda", at the 12th World Congress on Brain Injury, April 1, 2017 in New Orleans, USA
18. **Mehmood A**, Zia N, Kobusingye O, Namaganda R, Ssenyonjo H, Hyder AA. "Clinical characteristics of traumatic brain injury patients: data from a tertiary-care hospital in Kampala, Uganda," at the 12th World Congress on Brain Injury, April 1, 2017, in New Orleans, USA
19. **Mehmood A**, Allen K, Salami J, Al-Yazidi M, Al-Abri J, Hyder AA. Pattern of childhood injuries: findings from hospital-based injury surveillance system in Oman, at the World Safety Conference, September 2016, Tampere, Finland
20. **Mehmood A**, Allen K, Al-Kashmiri A, Al-Busaidi A, Al-Maniri A, Hyder AA. Urban versus rural injury differences in Oman: results from a prospective trauma registry, at the World Safety Conference, September 2016, Tampere, Finland
21. **Mehmood A**, Paichadze N, Bayiga E, Sloboda A, Luggya T, Kalanzi J, Kobusingye O. Development and pilot-testing of rapid assessment tool for pre-hospital care in Kampala, Uganda, at the World Safety Conference, September 2016, Tampere, Finland
22. **Mehmood A**, Consunji R, Peralta R, Abdelhamid R, El-Meynar A, Allen K, Malik S, Thomas, S, Al-Thani H, Hyder A. Time trends in work-related injuries in Qatar: an analysis of hospital trauma registry data, at the World Safety Conference, September 2016, Tampere, Finland
23. Allen K, Consunji R, Peralta R, Abdelhamid R, Malik S, **Mehmood A**, Hyder A. Child restraint use in the State of Qatar: findings from an observational study, at the World Safety Conference, September 2016, Tampere, Finland
24. Consunji R, **Mehmood A**, Irfan F, Abdelhamid R, Peralta R, El-Meynar A, Allen K, Malik S, Al-Thani H, Hyder A. A five-year time-trend analysis of road traffic injuries (RTIs) and deaths among infants and toddlers in Qatar, at the World Safety Conference, September 2016, Tampere, Finland
25. Consunji R, **Mehmood A**, Irfan F, Abdelhamid R, Peralta R, El-Meynar A, Allen K, Malik S, Al-Thani H, Hyder A. An evaluation of the utility of various data sources for occupational injury surveillance, at the World Safety Conference, September 2016, Tampere, Finland
26. Schellenberg M, Stevens K, **Mehmood A**. "Thromboelastography in the management of Trauma -Implications for the developing world", at Annual Scientific meeting of Trauma Association of Canada, April 10, 2015, Calgary, Canada.
27. Mawani MZ, Razzak JA, Kadir MS, Azam I, **Mehmood A**. Burden of non-traumatic out-of-hospital cardiac arrest in Karachi, Pakistan: Estimation through capture-recapture method. Society of Academic Emergency Medicine May 2014, Dallas USA.
28. **Mehmood A**, Shahbaz S, Kabir S, Mir U, Zai TK. Predictors of Outcome in Patients Presenting with Moderate to Severe Hyperkalemia. Department of Emergency Medicine Research Retreat, December 2012, Aga Khan University, Karachi, Pakistan.
29. **Mehmood A**, J. Fayyaz, S. Shaukat. Factors affecting the decision to resuscitate in critically ill emergency department patients. Department of Emergency Medicine Research Retreat, December 2012, Department of Emergency Medicine Research Retreat, Aga Khan University, Karachi, Pakistan.
30. **Mehmood A**, Razzak J, Mir U, Bhatti J, Jooma R. Differences in risk-adjusted outcome of road traffic injuries in urban tertiary care centers of Pakistan: Analysis of Surveillance Data. December 2012, Department of Emergency Medicine Research Retreat, Aga Khan University, Karachi, Pakistan.
31. Shahbaz S, Waseem H, **Mehmood A**. The Knowledge, Attitude and Practices of women pillion riders in the urban population of Pakistan. December 2012, Department of Emergency Medicine Research Retreat, Aga Khan University, Karachi, Pakistan.
32. **Mehmood A**, Shahbaz S, Kabir S, Mir U, Zai TK. Predictors of outcome in patients presenting with moderate to severe hyperkalemia. In 7th Health Sciences Research Assembly December 2012, Aga Khan University, Karachi, Pakistan.

33. **Mehmood A**, J. Fayyaz, S. Shaukat. "Who is dying in ED: An analysis of ED deaths from a tertiary care center of Pakistan." *In: College of Physicians and Surgeons Pakistan Golden Jubilee Scientific Sessions November 10-11, 2012, Karachi, Pakistan.*
34. **Mehmood A**, Fayyaz J, Shaukat S. Audit of Emergency Department deaths to determine the cause factor affecting decision to resuscitate. *In: Health Sciences Research Assembly December 14-15, 2011, Aga Khan University, Karachi, Pakistan.*
35. Fayyaz J, Khursheed M, **Mehmood A**, Mir U. Missing the boat: Odds for patients who leave Emergency Department without being seen. *In: Health Sciences Research Assembly December 14-15, 2011, Aga Khan University, Karachi, Pakistan.*
36. **Mehmood A**, Ejaz K, Ahmed T. Severity of Plasmodium Vivax Malaria in Karachi. *In: Health Sciences Research Assembly December 14-15, 2011, Aga Khan University, Karachi, Pakistan.*
37. **Mehmood A**, Kabir S, Razzak JA. Pilot Testing of a locally developed trauma registry- lessons learnt in a low-income country. *In: Health Sciences Research Assembly December 14-15, 2011, Aga Khan University, Karachi, Pakistan.*
38. Baqir SM, Ejaz K, Amin F, Razzak JA, **Mehmood A**. Students' perspective of Emergency Medicine rotation at a University Hospital in Pakistan: Qualitative Analysis. *In: Health Sciences Research Assembly December 14-15, 2011, Aga Khan University, Karachi, Pakistan.*
39. Shahbaz S, Kabir S, Khan T, **Mehmood A**. Treatment and Outcome of patients presenting to Emergency Department with Moderate to Severe Hyperkalemia. *In: Health Sciences Research Assembly December 14-15, 2011, Aga Khan University, Karachi, Pakistan.*
40. Shahbaz S, Waseem H, Khan U, **Mehmood A**. Knowledge, attitude, and practices of educated pillion riders of Lahore, Pakistan. *In: Health Sciences Research Assembly December 14-15, 2011, Aga Khan University, Karachi, Pakistan.*
41. Rehman MS, Razzak JA, Nuruddin R, **Mehmood A**, Rozi S. Thirty-day outcome of severe injuries in patients presenting to the Emergency Departments of two public hospitals in Sindh Pakistan. *In: Health Sciences Research Assembly December 14-15, 2011 Aga Khan University, Karachi, Pakistan.*
42. Ather MA, Shrestha B, **Mehmood A**. Does ureteral stenting prior to shock wave lithotripsy prevent complications? *In: Health Sciences Research Assembly December 19, 2008, Karachi Pakistan: Aga Khan University, Karachi, Pakistan.*
43. **Mehmood A**, Razzak JA, Ahmad A, Saleem AF. Time delay and outcome of road trauma victims: Search for ideal mode of transport in Pakistan. *In: Health Sciences Research Assembly December 19, 2008, Aga Khan University, Karachi, Pakistan.*
44. **Mehmood A**, Razzak JA, Khan SJ. Blast Injuries in Karachi. *In: Health Sciences Research Assembly April 24-25, 2007, Aga Khan University, Karachi, Pakistan.*
45. **Mehmood A**, Khan AM. Biliary Stones in children: experience of a university hospital. *In: Health Sciences Research Assembly April 24-25, 2007, Aga Khan University, Karachi, Pakistan.*
46. Pishori T, **Mehmood A**. Malignant Psoas Abscess or Pseudomyxoma extraperitonei? *In: Health Sciences Research Assembly March 7-8, 2006, Aga Khan University, Karachi, Pakistan.*
47. **Mehmood A**, Khan S. Pregnancy associated breast cancer: Is it biologically different? *In: Health Sciences Research Assembly March 7-8, 2006, Aga Khan University, Karachi, Pakistan.*
48. Khan S, **Mehmood A**. Ductal Carcinoma in situ. *In: Health Sciences Research Assembly March 15-17 2005, Aga Khan University, Karachi, Pakistan.*
49. Khan S, **Mehmood A**. Ductal carcinoma in Situ of Breast, Difficulties in Diagnosis and Management. National Oncology Symposium 2003, Lahore, Pakistan

#### *Invited talks and Seminars*

1. Invited talk on "Disaster Preparedness and Community Resilience" at the Office of Refugee Resettlement- Survivors of Torture Virtual Town Meeting on June 4, 2025



2. Invited talk in APHA Occupational Health and Safety Webinar titled "[Disaster response worker safety and health](#)" May 23, 2025
3. Panel Discussion on Breaking Barriers in Medicine for UAMWA Women in Medicine 3<sup>rd</sup> Annual Meeting. November 17, 2024, Tampa, FL
4. Invited talk on "Complex Adaptive Systems and Disaster management" in the Advance Public Health and Preventive Medicine lecture series; April 25, 2024 at the Aga Khan University, Karachi Pakistan.
5. Invited talk on "Systems Approach to Disaster and Emergency Management" American University of Beirut. April 24, 2024
6. Invited talk on "Global Health Security" at the International Seminar on Climate change and Military security, General Tadeusz Kościuszko Military University of Land Forces (Wrocław, Poland) November 17, 2023
7. Webinar on "Global disasters and complex humanitarian emergencies- a systems perspective" for USF Lifelong Learning Academy; Jan 2023
8. Invited talk on "Complex Adaptive Systems and Disaster management" in the Advance Public Health and Preventive Medicine lecture series; April 5, 2022 at the Aga Khan University, Karachi Pakistan.
9. Invited talk on "Funding Opportunities for Surgeon Researchers" at the 7<sup>th</sup> AKU Annual Surgical Conference; Feb 11-13, 2022 at the Aga Khan University, Karachi Pakistan.
10. Invited seminar on "Deciphering a Funding Announcement: Key to writing a winning proposal" at Violence and Injury Prevention Webiner Series. October 28, 2021 at the Aga Khan University, Karachi Pakistan.
11. Invited talk "Disaster preparedness and recovery: its impact on the BIPOC communities as a part of The USF College of Public Health Diveristy Series. September 30, 2021
12. Invited Lecture "Role of Trauma registries as a critical element of Trauma Systems" on January 23, 2021. Qatar Health 2021 Conference.
13. Invited seminar on "Global Health Research in Developing Countries" at HOSA: Future Health Professionals Organization, December 7, 2020. Glenleg High School Chapter, Maryland, USA
14. Invited talk on "STEM careers: Global Surgery and Trauma Care" at the Science in Society Conference, December 2, 2020. Howard County, Maryland, USA
15. Invited talk: "Don't limit your challenges, challenge your limits" on September 2, 2020 at the University of Florida, Tampa, Florida.
16. Invited lecture "Trauma Research in Developing Countries: Deficiencies and Opportunities" at the 5th Annual Surgical Conference. February 16, 2020 at the Aga Khan University, Karachi Pakistan.
17. Participated as an expert panelist: Student in Trauma Care-Bottom of food chain? Organized by the Surgery Interest Group, February 16, 2020 at the Aga Khan University, Karachi Pakistan.
18. "Post crash response: measurement, data and case studies" at the regional Global Road Safety Leadership course, September 16, 2019, Baltimore, USA.
19. "Acute Care of the Injured" in Injury Epidemiology & Research Methodology Summer course, Department of Emergency Medicine, University of Maryland University, July 25, 2018, Baltimore, USA.
20. "Post crash response: overview and framework" at the Global Road Safety Leadership course, Baltimore, July 5, 2018
21. "Post crash response: measurement, and data" at the Global Road Safety Leadership course, Baltimore, July 5, 2018
22. "Traumatic brain injuries across the lifespan in Uganda" Health System Seminar, December 5, 2017, Johns Hopkins Bloomberg School of Public Health, Baltimore
23. "Emergency Medical Systems Modeling in LMICs" at Uganda Injury forum, April 24, 2017, Kampala Uganda.

24. "Building Capacity for trauma care to address road injury victims in LMIC" at the World Bank's Technical workshop on Road Safety and the new World Bank safeguards: training on multi-sectoral interventions; March 9, 2017 Washington DC, USA.
25. "Challenges of unmet surgical needs-some insights from Pakistan", Johns Hopkins-Pulitzer Center Symposium – Operation Health: Surgery's Emerging Role in Global Health; November 2, 2016 Johns Hopkins Bloomberg School of Public Health, Baltimore, USA.
26. "Injury Control- From Prevention to Policy: Trauma care in Oman" Health System Seminar, October 6, 2015, Johns Hopkins Bloomberg School of Public Health, Baltimore, USA.
27. "Fundamentals of trauma registries and case studies from low and high income countries", University of Maryland Department of Emergency Medicine, August 18, 2015, Baltimore, USA.
28. Chaired the panel "Public Health Policy and its implications" at the JHU Annual Public Health in Asia Symposium at the Johns Hopkins University, February 28, 2015, Baltimore, USA.
29. International Collaborative Effort on Injury Statistics and Methods, at the US Bureau of Labor Statistics Conference Center, October 22-24, 2014 Washington, DC, USA.
30. "Approaches to addressing the global burden of injuries"- Health Systems Seminar, November 2013, Johns Hopkins Bloomberg School of Public Health, Baltimore MD
31. Disaster Management and Disaster Plans – Occupational Health Course, July 2013, Aga Khan University, Karachi, Pakistan.
32. Trauma Registries in Pakistan – Needs, challenges, and lessons learnt: Violence and Injury Prevention Seminar, April 2013, Aga Khan University, Karachi, Pakistan
33. Strengthening Emergency and Trauma Care in Khyber Pakhtunkhwa Province of Pakistan: National Policy Forum on Emergency Care, January 28, 2013, Peshawar, Pakistan.
34. "Implementation of trauma registries: opportunities and challenges." State of the Art Lecture at 12th National Symposium on Trauma and Injury Prevention, August 2008 Aga Khan University, Karachi, Pakistan.
35. Strengthening Capacity in Violence and Injury Prevention: Trainee's Viewpoint, at International Injury Prevention Symposium, June 2008, Johns Hopkins Bloomberg School of Public Health, Baltimore, USA.
36. Ethical Issues in Organ Donation in Pakistan. At Ethics Grand Round, May 2008, Johns Hopkins School of Public Health, Baltimore, USA.
37. Trauma Registry for injury surveillance and quality of trauma care. *In*: 9th World Injury Congress, March 2008, Merida, Mexico.
38. Injury Prevention in Pakistan – Research and Training Prospects. ICTIRT Networking Meeting. August 2007, Oregon Health and Science University, Portland, Oregon, USA.



## PROFESSIONAL ACTIVITIES

### *Society Membership and Leadership:*

- Member, Research Alliance in Disaster and Emergency Medicine RADEM (Current)
- American Public Health Association (Current)
- American Public Health Association, Occupational Health and Safety Section (Current)
- American Public Health Association Committee on Injury Control and Emergency Health Service (Current)
- Member, Fostering Innovative Resilience in Healthcare Service (FIReS) Network (Current)
- Florida Public Health Association (Current)
- Fellow of College of Physicians and Surgeons of Pakistan (Current)
- Core member of World Health Organization Mentor- VIP Program 2021-2024
- Road Traffic Injury Research Network (RTIRN) (Current)
- Violence and Injury Research Group, Pakistan
- International Society of Child and Adolescent Injury Prevention
- Society of Emergency Physicians of Pakistan

### *Participation on Advisory Panels:*

- Institute for Diversity and Inclusion in Emergency Management (IDIEM) Global Advisory Board 2025
- Lead for Innovation and Thought Leadership Subcommittee (IDIEM) 2025
- Member, Refugee Advisory Board, FL since August 2023
- Member, Tampa Bay Refugee Taskforce, FL since August 2021
- Advisor, Traffic Safety Education Resource Center (TSERC) for Teen Drivers (2021-2023)
- Advisor, Center for Global Surgical Care, Aga Khan University, Pakistan (2020-2021)
- Serve as the core group member of WHO Mentor Violence and Injury Prevention (VIP) program (2019-)
- Served in the working group for Injury surveillance and hospital-based quality of care at the WHO Global Alliance for the care of the Injured (GACI) 2016- 2019 (Member)
- Team on Improvement of Trauma Care in Low- and Middle-income Countries, Johns Hopkins-International Injury Research Unit (JH-IIRU), (September 2013–2017; Member)
- JHU-Pak ICTIRT Operational Committee (2011–2016; Member)
- Departmental Morbidity and Mortality Committee, Aga Khan University (2009–2013; Chair)
- Emergency Department Disaster Plan Review Committee, (2008–2013; Chair)
- Aga Khan University Hospital Disaster Task Force, (2012–2013; Co-Chair)
- Aga Khan University Hospital Trauma Committee, (2011–2013; Co-Chair)
- Critical Care Committee (2012–2013; Member)
- Thesis Committee, Masters in Epidemiology and Biostatistics, Aga Khan University (2011–2013; Member)
- JCIA Surgical Subcommittee, Aga Khan University Hospital (Member; 2011–2013)
- Annual Emergency Medicine Conference Organizing Committee, (2012- Co-chair)
- Aga Khan University Graduation Ceremony Committee (Member; 2011–2012)
- Annual Emergency Medicine Conference Organizing Committee, (2011- Member)

### *Program or Project Development:*

- Development of a Summer Course in 2024 focused on Global Health Partnerships and Governance under Collaborative Online International Learning (COIL) program with University of Coventry, UK

- Development of “Hospital Emergency Response Plan- A guide for planners” for WHO Euro Office 2020
- Development and implementation of digital data collection for monitoring and evaluation of Road Injury Risk factors for Bloomberg Initiative on Global Road Safety (2015-2019). Implemented in Accra, Ghana; Ho Chi Minh City, Vietnam; Bandung, Indonesia; Bangkok, Thailand; Mumbai, India and Addis Ababa, Ethiopia.
- Development of tablet-based trauma registry for Oman Trauma Care Project (2014)
- Development of Electronic trauma registry, with help of software programmers from National University of Computers and Emerging Sciences, Karachi. (2008–2013)
- Developed and organized Undergraduate Emergency Medicine (EM) Program. This was the first formal structured EM program for medical students in the entire country. The course included lectures and tutorials, bedside teaching, Advanced Cardiac Life Support, followed by objective structured clinical exams (OSCE) and individual performance evaluations.

### *Consultations:*

- Consultant to the World Bank staff for project “Feasibility of implementing RTI Registry and TQIP in district hospitals with high RTI burden and improvement in hospital based post-crash care’ in Bangladesh- Global Strategy for Health, Nutrition and Population, 2021
- Consultant to WHO Euro Office for the Development of the hospital response plan training and guidance 2020
- Consultant to the World Bank staff for post-crash care needs assessment in Bangladesh- Global Strategy for Health, Nutrition and Population, 2020
- Measuring urban capacity for humanitarian crisis: piloting an urban health response, 2020 \$5000
  - Consultant for Development of the tool ‘City Emergency Health Response Capability Assessment tool (CERC)’ with Delphi survey responses, comparative analysis of the tool with Emergency Drill scores for reliability and validity in three cities of Pakistan, Brazil and Nigeria.
  - Collaborators: Johns Hopkins School of Medicine, International Red Cross and Red Crescent Society
- Consultant for monitoring and evaluation of Pakistan Lifesavers Program, 2020
- WHO Training course on Mass Casualty Incident Management, 2019
  - Objective: To develop a three-day training package for emergency health and hospital personnel to improve their understanding and skill in responding to a mass casualty incident (MCI).
  - Lead instructor for the WHO Training course on Mass Casualty Incident Management held in Tbilisi, Georgia
  - Collaborators: WHO; Johns Hopkins School of Medicine.
- WHO technical report on Emergency Care System Assessment in Zambia, 2016
- Global Injury Prevention Research Expert Meeting organized by NICHD and Fogarty International Center July 27-28, 2015, Bethesda MD, USA.
- Injury Prevention Policy in Pakistan as part of the National Commission on Non-communicable Diseases, 2009
- International Consultation on National Trauma Care Program for Pakistan, 2009
- WHO Eastern Mediterranean Regional Office Inter-country meeting to develop a uniform Injury Surveillance System at national level, 2009

### *CERTIFICATIONS AND RECENT COURSES:*

- OneHE The Science of Learning Challenge November 2023
- CITL Course Design Institute Summer 2023
- American Heart Association BLS Provider (235416457140- valid through 05/2025)
- NIH Grant Writing Seminar at the University of South Florida, October 28, 2022
- Quality Matters workshop March 2022
- Inclusive and Equitable Pedagogy Workshop Series Spring 2022
- Inclusive and Equitable Pedagogy Workshop Fall 2021
- USF Summer Grant Writing Workshop 2021
- Biomedical Research Investigators and key personnel (6/23/2021)
- Conflict of Interest in Human Subject Research Certificate (09/24/2020)
- Basic Human Subject Research Course and Refresher (11/24/2019)

## PEER REVIEW ACTIVITIES

### *Scientific Peer Review:*

- Health Services Insight
- Scientific Meetings Abstract review for APHA 2018, 2024, 2025
- Editorial board member Frontiers in Public Health since 2023
- Peer reviewer for the book Emergency Health: Practical application of public health principles 2022
- Scientific Meetings Abstract review World Safety Conference 2010, 2016, 2022
- PLOS One
- PLOS Global Public Health
- BMC Health Services Research
- BMJ Global Health
- African Journal of Emergency Medicine
- British Medical Journal Open
- British Medical Journal
- Sultan Qaboos University Medical Journal
- International Journal of Surgery
- Bulletin of the World Health Organization
- BMC Public Health
- International Journal of Environmental Research and Public Health
- International Journal of Critical Illness and Injury Science
- International Journal of Emergency Medicine
- Journal of Pakistan Medical Association
- International Journal of Health Sciences
- Traffic Injury Prevention
- International Journal of Clinical Medicine
- Injury
- International Journal of Injury Control and Safety Promotion
- Global Health: Science and Practice

### *Review of Grant Proposals:*

- Peer reviewer for Internal Awards University of South Florida, COPH 2023, 2024, 2025

- Peer reviewer for Capacity Building Internal Award, University of South Florida, CPH 2024, 2025
- External Peer Reviewer for Health Research Council of New Zealand 2024
- American University of Beirut intramural grants, 2022
- Health Research Council of New Zealand, Annual Funding Round 2019
- Center for Global Health Faculty Grant 2015
- Small grants program- International Collaborative Trauma and Injury Research Training Program- Capacity Building on Trauma and HIV in Pakistan, 2014
- Saving Lives from Drowning Initiative, January 2014
- RTIRN Small Grants Program, 2013
- Small grants program- Johns Hopkins University-Pakistan International Collaborative Trauma and Injury Research Training Program, Pakistan 2012

*Review of External Promotion Packets:*

- Dr. Mirza Noor Ali Baig Aga Khan University Karachi, Pakistan; 2025.
- Dr. M Faisal Khan, Aga Khan University Karachi, Pakistan; 2024.
- Dr. Willem Stassen, South Africa's National Research Foundation (NRF); 2024
- Dr. Irum Q. Khan Aga Khan University Karachi, Pakistan; 2022.

## HONORS AND AWARDS

*Honors*

- Listed #5 in top ten graduates of Sindh Medical College, 1998
- Honors in Anatomy, Surgery and Pediatrics in MBBS

*Awards*

- Center for Global Health Faculty Pilot Grant award, 2014
- Best Clinical Faculty Award, Department of Emergency Medicine, Aga Khan University Pakistan, 2012
- Best Poster Presentation Award, Emergency Medicine Research Retreat, Aga Khan University, 2012
- Best Oral Presentation Award, World Safety Conference, New Zealand, 2012
- Second prize, Third Annual APPNA & YPPRC National Research Seminar, Karachi, 2009
- Postdoctoral studies scholarship from Fogarty International Center JHU-Pak ICTIRT training program, 2007

*Others*

- Completed Post graduate Educational Leadership certification from the College of Physicians and Surgeons of Pakistan in 2012.
- Founding faculty member of the first academic Emergency Medicine Department of the country at the Aga Khan University Hospital, Karachi Pakistan where I served as EM faculty member for 6 years.
- Founding executive member of the Pakistani NGO named ULPHAT (Unified Liaison for the Promotion of Health and Treatment. Our focus was to improve the quality of life of children suffering from complex surgical diseases especially from low socioeconomic strata. We facilitated the process of obtaining best available treatment and ensured complete funding from diagnosis to rehabilitation with dignity. Served as the Finance secretary for the NGO between 2011 and 2013.

## ADDITIONAL INFORMATION

### MEDIA:

- Preparing Mentally for Hurricane Season while recovering from last year's storm. [WUSF- NPR](#) May 6, 2025
- As hurricane season approaches, here's how USF students should prepare, [The Oracle](#) June 11, 2024
- [Hurricane Beryl's rapid intensification has emergency managers mulling survival timelines](#) The Palm Beach Post, July 4, 2024

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### SKILLS:

- Exceptional leadership skills, including team building, capacity development, mentoring, delegation and empowerment
- Monitoring and evaluation of public health interventions and functions
- Advanced biostatistics analytical skills using software package STATA
- Proven track record to work in a fast-paced environment.
- Superior oral and written communication skills
- Excellent time management skills
- Microsoft office skills, specifically Word, Excel, and PowerPoint
- Basic knowledge of Finance, Budgeting, and supply chain management
- Expert knowledge of digital tool development using Kobotoolbox and Opendatakit for mobile data collection, as well as survey development on Qualtrics
- Languages: English (Fluent/ advance); Urdu (Fluent/ advance); Arabic (Reading and writing, some comprehension)

### AREA OF EXPERTISE:

Global Health  
Disaster management and Humanitarian Relief  
Emergency and trauma care  
Health systems strengthening  
Injury prevention and surveillance  
Program implementation and evaluation

### Websites:

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Google Scholar: <https://scholar.google.com.pk/citations?user=d1QdszXgH04C&hl=en>

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Linkedin: <https://www.linkedin.com/in/mehmood-amber-5a452210/>