

Aga Khan University- FHS-PhD Programme
List of funded projects for potential PhD Candidates

Clinical Sciences Stream						
Sr. No.	Name, Email address and Department of Primary Supervisor	Supervisory Team	Title of Project/ Source of funding	Research Funding available	Funds available until	Key Objectives of research project
1	Dr Junaid Razzak junaid.razzak@aku.edu Professor & Director, CoE Trauma & Emergencies	Drs Nadeemullah Khan and Huba Atiq	Development of Pakistan Trauma Registry: Multihospital Digital Trauma Registry	USD 40,000	2026	<p>The objective is:</p> <ul style="list-style-type: none"> Develop and pilot test Pakistan Trauma Registry using the Collector trauma registry as guideline to capture variables and trauma outcomes relevant in Pakistani context and include patient-reported disability outcomes (PROs) at one, three, six- and twelve-months post-injury.
Pre-requisites of PhD candidate applicants (graduate qualification requirement): MBBS and FCPS / FRCP or equivalent degree						
2	Dr Junaid Razzak junaid.razzak@aku.edu Professor & Director, CoE Trauma & Emergencies	Drs Nadeemullah Khan and Huba Atiq	EMS data-based research network for generating evidence-based studies for implementing best practices for patients requiring emergency medical care.	USD 40,000	2026	<p>The key objectives are:</p> <ul style="list-style-type: none"> To establish a comprehensive EMS registry database as a baseline data hub for the implementation of evidence-based guidelines (EBGs) in Pakistan, which will play a critical role in improving patient care and outcomes. To develop a robust EMS data-based research network to generate evidence-based studies for implementing best practices for patients requiring prehospital emergency care, thereby improving the quality of emergency medical services in the country. To focus on achieving the target SDGs of the decade by creating a national EMS registry and developing policies for its implementation.
Pre-requisites of PhD candidate applicants (graduate qualification requirement): MBBS and FCPS / FRCP or equivalent degree						

3	Dr Junaid Razzak junaid.razzak@aku.edu Professor & Director, CoE Trauma & Emergencies	Drs Nadeemullah Khan and Huba Atiq	AKU Integrated Response to Disaster Preparedness & Response	USD 40,000	2026	The key objectives are: <ul style="list-style-type: none"> To enhance disaster preparedness and response capabilities among lady health care workers (LHCWs) in Sindh, Pakistan. To develop healthcare delivery for internally displaced populations during disasters.
Pre-requisites of PhD candidate applicants (graduate qualification requirement): MBBS and FCPS / FRCP or equivalent degree						
4	Dr Junaid Razzak junaid.razzak@aku.edu Professor & Director, CoE Trauma & Emergencies	Drs Nadeemullah Khan and Huba Atiq	NIHR Global Health Group on Equitable Access to Quality Health Care for Injured People in Four Low- or Middle-Income Countries: Equi-injury	USD 40,000	2026	The key objectives are: <ul style="list-style-type: none"> To develop a common understanding of stakeholder desires and needs to improve policy to enable improved equitable access to quality injury care. To identify barriers and facilitators to equitable access to quality care and their consequences for the injured person. To ascertain which outcomes (for example, clinical outcomes, or respectful, safe, free, or inexpensive care) are priorities for stakeholders.
Pre-requisites of PhD candidate applicants (graduate qualification requirement): MBBS and FCPS / FRCP or equivalent degree						
5	Dr Junaid Razzak junaid.razzak@aku.edu Professor & Director, CoE Trauma & Emergencies	Drs Nadeemullah Khan and Huba Atiq	Feasibility & Efficacy of Ambulance Based mHealth for Paediatric Emergencies (FEAMER)	USD 40,000	2026	The key objectives are: <ul style="list-style-type: none"> To measure the acceptability of Ambulance-Based Teleconsultation for the emergency care of acutely ill children. To determine the feasibility of carrying out a pilot cluster-randomized trial on the impact of Ambulance-Based Teleconsultation on the Pediatric Early Warning Score (PEWS). To develop the capacity of local partners in m-health research capacity and prepare for an efficacy trial. To test the efficacy of Ambulance-Based Teleconsultation by measuring a change in the PEWS of acutely ill children from the scene of injury/illness to the pediatric emergency department (PED) through a cluster-randomized trial. To establish a Technology in Emergency Care (TEC) research group at AKU and prepare for a large multi-site effectiveness trial.
Pre-requisites of PhD candidate applicants (graduate qualification requirement): MBBS and FCPS / FRCP or equivalent degree						

6	Dr Yawer Saeed yawer.saeed@aku.edu Asst. Prof. Dept. of Medicine	Drs Aysha Almas, Ayeesha Kamal and Zainab Samad	Development of a Predictive Algorithm for Atrial Fibrillation in a Pakistani Cohort	PKR 1.5 Million	2024	<p>The key objectives include:</p> <ul style="list-style-type: none"> • To develop a Predictive Algorithm for Atrial Fibrillation in a Pakistani population • To identify variables that lead to the development of atrial fibrillation and/or CVA in patients with atrial fibrillation.
Pre-requisites of PhD candidate applicants (graduate qualification requirement): MBBS and FCPS / FRCP or equivalent degree						
7	Dr Yawer Saeed yawer.saeed@aku.edu Asst. Prof. Dept. of Medicine	Drs Laila Ladak, Dr Mehnaz Atiq, Saleem Akhtar, Waris Ahmed and Krishnakumar Nair	Arrhythmias in Patients with congenital heart disease in Pakistan: Association with Outcomes and Challenges in providing appropriate arrhythmia care	PKR 1.5 Million	2025	<p>The key objectives include:</p> <ul style="list-style-type: none"> • To investigate the prevalence and characteristics of arrhythmias in patients with CHD • To compare the outcomes of repaired vs unrepaired patients with or without arrhythmia • To identify and evaluate the challenges faced by healthcare providers in providing arrhythmia care in CHD patients.
Pre-requisites of PhD candidate applicants (graduate qualification requirement): MBBS and FCPS / FRCP or equivalent degree						