

Pediatric Infectious Diseases Fellowship Training

Introduction and Overview of Fellowship program at AKUH:

The Pediatric Infectious Diseases fellowship program was initiated by the Department of Pediatrics and Child Health, Aga Khan University in 2006. It is a two-year training program for fellows interested in a career as a clinician-educator in Pediatric Infectious Diseases.

The Section of Pediatric Infectious Disease at the Aga Khan University Karachi utilizes one main training site to provide fellows with inpatient consultation experience: The Main Campus at Stadium Road. However, it provides consultation to sister secondary hospitals within Karachi and Hyderabad and overtime aims to provide electronic consultation support to patients with infectious conditions across the country.

For exposure to related disciplines like Microbiology, Adult Infectious Disease, Transplant Medicine/Oncology, Dermatology, ENT, radiology, infection control, Public Health Programs like National AIDS Control Program and National TB Program, the fellow will rotate through various units within AKU, Sindh Institute of Urology and Transplant (SIUT), Karachi or Shoukat Khanum Memorial Cancer Hospital (SKMCH) Hospital, Lahore and The Indus Hospital (TIH) Karachi over two years of fellowship.

Educational program:

The Pediatric Infectious Diseases Fellowship Program aims to produce, through structured long-term training, individuals who have the knowledge base, clinical training, and research training to become clinical consultants and independent investigators in pediatric infectious diseases. This was originally envisioned as a 3-year clinical investigator program and is now offered as a two-year clinical-educator program recruiting individuals who have completed structured internship and residency training in Pediatrics and are certified in Pediatrics by the Pakistan College of Physicians and Surgeons (FCPS 2) or equivalent degree.

The training program will achieve its goals by focusing on building complementary competencies in clinical, epidemiologic, and laboratory sciences related to infectious diseases.

Supervising faculty will include pediatric infectious disease consultants, adult infectious disease consultants, microbiologists, radiologists, epidemiologists, and public health/infection control experts.

Objectives:

The objectives of the training program will be achieved through different modes, some of which are described below.

These include:

1. Clinical rotations (Inpatient consults and admissions, Outpatient Clinics including HIV/PID/CF Clinics, Clinical Microbiology, Adult ID, Transplant Medicine, Radiology and Infection control)
2. Monthly Academic Activities (Case presentation, Journal Club, Core Curriculum)
3. Monthly Administrative Activities (Antibiotic Subcommittee, Infection Control, Immunization committee)
4. Seminars and symposia (local and international)
5. Courses (Infectious Disease Epidemiology, IDSA Infection Control Online Course and basics of epidemiology /biostatistics)
6. Original Research (posters/oral presentations/abstracts in AKU Health Assembly, local and international meetings; at least 1 each year)

Key Clinical Faculty at AKUH

Senior and Founding Faculty: Professor Anita KM Zaidi MBBS, Peds ID(Duke University), Masters in Tropical Public Health

Section Head: Fyezah Jehan, MBBS, FCPS, MSc.

Fellowship Director: Sonia Qureshi MBBS, FCPS, MSc.

Dr. Asad Ali MBBS, MPH, Diplomate, American Board of Pediatrics and Pediatric Infectious Diseases

Dr. Farah Naz Qamar, MBBS, FCPS, FRCP, MSc.

Dr. Fatima Mir MBBS, FCPS, MSc.

Dr. Ali Faisal Saleem, MBBS, FCPS, MSc.

Pediatric Infectious Disease Fellowship Coordinator, AKUH

Karim Qamruddin

Following are the names of Fellows who successfully completed Paediatric infectious Diseases fellowship training in Pakistan as of 2018 with their current designations.

| Fellows | Name of institution fellowship completed | Name of institution currently working | Current Position Title |
|---------------------------|---|--|-------------------------------|
| Dr. Fatima Mir | Aga Khan University Hospital, Karachi | Aga Khan University Hospital, Karachi | Associate Professor |
| Dr. Farah Naz Qamar | Aga Khan University Hospital, Karachi | Aga Khan University Hospital, Karachi | Associate Professor |
| Dr. Fyezah Jehan | Aga Khan University Hospital, Karachi | Aga Khan University Hospital, Karachi | Associate Professor |
| Dr. Ali Faisal Saleem | Aga Khan University Hospital, Karachi | Aga Khan University Hospital, Karachi | Associate Professor |
| Dr. Samreen Kulsoom Zaidi | Aga Khan University Hospital, Karachi | Sindh Infectious Diseases Hospital, Karachi. | Assistant Professor |
| Dr. Sonia Qureshi | Aga Khan University Hospital, Karachi | Aga Khan University Hospital | Assistant Professor |
| Dr. Samina Junejo | Aga Khan University Hospital, Karachi | The Indus Hospital, Karachi | Consultant |
| Dr. M. Khalid Saleem | Aga Khan University Hospital | Nishtar Medical Hospital, Multan | Consultant |
| Dr. M. Faheem Afzal | Mayo Hospital, Lahore | King Edward Medical University, Lahore | Associate Professor |