

## **Pakistan International NICU Rotation**

*Application deadline:*            *December 1st*  
*Rotation timeline:*                *Month of March*

### **Pakistan Program Goals and Objectives**

#### **Vision**

This elective will help in the development of knowledgeable, competent, and compassionate clinicians who are able to communicate and collaborate with patients of all backgrounds and in any setting.

#### **Overall Goal**

To provide fourth year medical students with a consistent opportunity to participate in international rotations in a developing country to provide both unique educational exposure to indigenous diseases and to give back in service to an underserved region.

#### **Institutional Goals**

This elective will fulfill all six of the SOM institutional goals. Specifically it will help TTUHSC graduate physicians who provide humane medical care, demonstrate life-long learning, and demonstrate proficiency in clinical assessment and reasoning. Most specifically, this elective will help students learn to demonstrate sensitivity to the diverse psychosocial needs of their patients and communicate clearly and compassionately with those patients (Goal V). Students will learn to display the highest standards of integrity, exemplary behavior, self-sacrifice, and compassion to people of all social standing, which future students can both model and aspire to.

#### **Objectives**

This elective will fulfill all four of the institutional objectives. It will increase the students fund of knowledge, especially concerning the organization of health care delivery (including public health) and principles of behavioral and social sciences (including social justice and anthropology). It will aid in further development of clinical skills, equivalent to a clinical NICU rotation occurring in the U.S. This elective will focus on developing the compassion, empathy, and sensitivity to culture, religion, ethnicity, income and beliefs that define professionalism. Finally, it will help foster an attitude of respect, recognition of social issues in health care, and a commitment to lifelong service and learning.

## **Guidelines for Pakistan Program:**

### *STEP I – Pre-requisite Requirements*

- Be in good academic standing and have signed approval from Advisory Dean.
- Have completed all required core clerkships (internal medicine, surgery, obstetrics and gynecology, pediatrics, family medicine, psychiatry/neurology).

### *STEP II – Application Requirements*

- Complete the international health elective application posted online at: [http://www.ttuhsct.edu/som/curriculum/international\\_health\\_elective.aspx](http://www.ttuhsct.edu/som/curriculum/international_health_elective.aspx).
- Submit curriculum vitae along with a personal statement describing interest in international medicine. Focus on past international health experiences, personal goals and objectives for participation in this program, and vision for future involvement in international health.
- Submit one or two letters of recommendation from faculty or other health professionals who can assess the applicant's clinical skills.

### *STEP III – Post Application Approval*

- Complete Safety component (III) of International Elective Application.
- Gather information concerning any political problems or health hazards that may place the student at risk by consulting current State Department and Centers for Disease Control and report that information to the International Health Advisor at the student's campus.

## **Responsibility for Securing Preceptor's Evaluation**

Students must have a clinical evaluation form completed by the person overseeing the clinical experience in the hospital in Ethiopia where the elective is conducted. The evaluation form must be returned to the Office of Student Affairs and Office of Curriculum **within one month** of return from the international medicine elective.

## **Funding**

Funding will be the individual responsibility of the students taking part in the program. There are five \$1,500 scholarships available through TTUHSC SOM. Each year, one of these scholarships is reserved for a student going to Ethiopia. The deadline for applying for these scholarships is **April 15**. For more information, see the elective/scholarship application materials posted at:

[http://www.ttuhsoc.edu/som/curriculum/international\\_health\\_elective.aspx](http://www.ttuhsoc.edu/som/curriculum/international_health_elective.aspx)

## **Curriculum**

### *Program Course/Credit:*

Due to the official relationship between Aga Khan University HSC and Texas Tech University HSC and the specific nature of this rotation, it will count as the fourth year required critical care rotation. It will count as a NICU rotation and the credit given will be equivalent to that given students completing this rotation on a local Texas Tech campus.

*Number of Students:* Two fourth-year medical students

*Program length:* One month

### *Program Description:*

Fourth year medical students at TTUHSC SOM will participate in a one month Neonatal Intensive Care Unit (NICU) rotation in Karachi, Pakistan. The majority of this time will be spent at Aga Khan University Health Sciences Center Hospital. In addition, the students will visit the National Institute of Child Health, a government run hospital, with the faculty preceptor (Dr. Mubariz Naqvi) and observe care and procedures there. Students will also participate in community neonatology programs, including rural clinics and training centers, which are a major strength of the Aga Khan University system. While working at the hospital, students will be expected to participate in morning report, daily rounds, night call, and weekly discussion group on neonatal-perinatal diseases.

### *Evaluation:*

1. Written Exam – 20%
2. Attendance – 20%
3. 360 Degree Evaluation – 20%
4. Research/Case Presentation/Powerpoint Presentation – 20%
5. Competency Checks (History and Physical, Ballard & Apgar scoring etc.) – 20%
6. Patient/Procedure Log – Required

*Description of Evaluations:*

1. Written Exam - The written exam will be created and graded by the faculty preceptor (Dr. Mubariz Naqvi).
2. Evaluation - The evaluation will be in the same form as TTUHSC fourth year elective rotation evaluations.
3. Competency Checks - Competency checks will occur routinely throughout the rotation following appropriate teaching of certain exam skills.
4. Project - The student may choose to do a small research project of his/her design; write-up and present a case report to the faculty preceptor and other student(s); or produce a powerpoint presentation on a specific disease/condition encountered on the rotation and of interest to the student, and present this to the faculty preceptor and other student(s).

*Pakistan Pediatric Association National Conference* – Students will also attend this conference during the first week of March. They will attend various lectures, focusing on lectures addressing issues in Neonatology. They will participate in any other learning experiences available to them at the conference.

**Program Details**

*Housing* – Housing will be provided by Aga Khan University HSC. Rooms will be located in the university dormitories. Each student will have his/her own room and bathroom.

*Food* – Food will be provided by Aga Khan University HSC. It will be available to students in the HSC cafeteria.

*Transportation* – The hospital, HSC campus, library, cafeteria etc. are within walking distance and easily accessible. Travel to the government hospital, rural communities, and elsewhere will be in company with the faculty preceptor and involve transportation provided by the Aga Kahn University transportation department.

*Medical Care* – Medical care will be available to students via the health clinics normally used by Aga Kahn University HSC students.

*Visas* – Will be obtained via the Pakistan embassy prior to departure.

*Library* – Services will be available to students, including internet, research sources, and opportunity to use the students own personal laptop computers.

*Exercise* – Jogging trails are available for students to use on the HSC campus. Students will also have access to a gym with exercise machines.

*Health Insurance/Medevac* – SOS insurance will be required for are all students participating.