



INjury ReSEARCH

A NEWSLETTER FOR THE JHU-PAKISTAN FOGARTY INTERNATIONAL COLLABORATIVE TRAUMA AND INJURY RESEARCH TRAINING PROGRAM



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A message from the Program

Dear Colleagues,

Greetings! Welcome to another exciting issue of the Johns Hopkins-Pakistan Fogarty International Trauma and Injury Research Training Program (JHU-Pakistan ICTIRT). It is hard to believe that this collaboration between the Johns Hopkins Bloomberg School of Public Health (JHU) and Aga Khan University (AKU) is in its 8th year of operation! And our collaboration with Khyber Medical University (KMU) is now in its 3rd year! Thanks to the efforts of our hard working faculty, staff and students – and to the gracious funds from the Fogarty International Center of the United States National Institutes of Health.

In this issue we are delighted to introduce our latest cohort of fellows – in the Health Policy & Management master’s program at AKU. They are eager to contribute to understanding the impact of trauma and the role of acute care in Pakistan. The newsletter features a program visit to KMU in Peshawar where we have built a strong collaboration. Also captured are training workshops on preparing emergency departments for disasters and reducing the burden of violence in Pakistan.

We would like to remind you about our seminar series at AKU where we cover issues in acute care and injury prevention, as well as violence prevention and disability control. These seminars allow faculty and students across AKU interested in the topic to meet regularly and learn from each other. We hope to enhance our online capacity and offerings in the coming months as well.

As you know, an objective of our program is to build a strong network of professionals and help develop sustainable research capacity on acute care of trauma and injuries and emergency medicine in Pakistan. We believe in this mission, and thanks to the efforts of all of our colleagues and partners, we are well on the way to achieving our goals. We hope you enjoy this newsletter and welcome interested parties to contact us and join the movement to address trauma and injuries around the world.

Be safe in 2014!

**Adnan A. Hyder, MD MPH PhD
&
Junaid Razzak, MD PhD FACEM**

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KHYBER MEDICAL UNIVERSITY SYMPOSIUM

Khyber Medical University organized its 5th Annual Health Research Conference in Peshawar, Pakistan in collaboration with the Department of Emergency Medicine (DEM), Aga Khan University and JHU-Pakistan ICTIRT from February 14 - 16, 2014. The theme of this three-day conference was “Today’s Research Tomorrow’s Health”.

Professor Dr. Muhammad Hafizullah (KMU Vice Chancellor) and Professor Dr. Mukhtiar Zaman (Director Office of Research Innovation & Commercialization) highlighted the importance of research in the advancement of the health care sector. The Minister of Health, Khyber Pakhtunkhwa Mr. Shaukat Ali Yousafzai also attended the conference and shared the importance of research and technological advancement in the region.

Dr. Junaid A. Razzak, was invited to share his exper-

iences of research priorities for Emergency Medicine in Pakistan. He also shared his insights and expertise on careers in Emergency Medicine. DEM faculty including our alumni, Drs. Nadeem Ullah Khan and Uzma Rahim Khan participated both in the symposium and workshops and gave talks on various aspects of emergency medicine and injury research. There were 18 poster presentations and five oral presentations.

Two workshops were also conducted; “Blended Learning: Opportunities for Medical Education & Research” by Dr. Jabeen Fayyaz, Assistant Professor, Section of Pediatric Emergency Medicine, DEM, AKU and “Healthcare Economics for Medical Professionals” by Mr. Ashar Malik, Senior Instructor, Department of Community Health Sciences, AKU.



Dr. Nadeem giving his talk at the KMU Symposium

WORKSHOP ON DISASTER PREPAREDNESS

Aman Healthcare Services in collaboration with the Department of Emergency Medicine at AKU, Harvard Humanitarian Initiative and JHU-Pakistan ICTIRT organized a two-day workshop titled “Preparing Emergency Department for Disasters” on January 24 and 25, 2014 at AKU.

The main idea behind this workshop was to deliver comprehensive knowledge of the correct methods to manage various disaster situations that arise in an Emergency Department as well as to discuss efficient disaster management strategies and their implementation.

The workshop included presentations followed by break-out brainstorming and discussion sessions. Interactive sessions included real disaster situations in hospital premises that used a combination of structured dialogs and scenario analysis.

Thirty participants from major healthcare facilities and emergency services in Karachi including AKU, Civil Hospital, Jinnah Post Graduate Medical Center, Abbasi Shaheed Hospital, Patel Hospital, Indus Hospital, The Aman Foundation and First Response Initiative of Pakistan attended the workshop. The participants were emergency medicine physicians, managers,

residents, safety and security managers, and researchers with a keen interest in area of emergency medicine and disaster preparedness.

Drs. Kayden Stephanie, Shawn D’ Andrea, Usha Periyanyagam and Payal Modi from Harvard Humanitarian Initiative facilitated the workshop.



Workshop facilitators and participants

WORKSHOP ON BURDEN OF VIOLENCE

The Department of Emergency Medicine (DEM) at AKU, and JHU-Pakistan ICTIRT in collaboration with AKU Department of Psychiatry as well as the AKU School of Nursing and Midwifery (SONAM), conducted a one-day workshop on violence prevention among children, adults and at workplace settings. This workshop titled “Towards Reducing the Burden of Violence: A Biopsychosocial Approach to the Screening and Management of Non-Accidental Trauma” was conducted on January 29, 2014 with lead organization by our alumnus, Dr. Uzma Rahim Khan.

This workshop was focused on teaching clinical staff, mainly residents and nurses, the hand-on skills required for the identification, treatment and overall management of victims of abuse and violence. The main objectives of the workshop were to identify global and national burden of violence against women and child abuse; describe the extent of workplace violence in Emergency Departments of Karachi; identify the risk factors associated with violence against women, child abuse and workplace violence. The workshop also trained the attendees to conduct screening for VAV, child abuse and to devise a management plan in line with a biopsychosocial model.

Drs. Asad Mian, Waleed Zafar from DEM, Dr. Ayesha Mian from Department of Psychiatry, Drs. Rozina Karmaliani and Tazeen Saeed Ali were the workshop facilitators.



Dr. Asad Mian giving a talk in the workshop

INTRODUCING NEW TRAINEE - ATTAULLAH BAIG

Attaullah Baig did his Bachelors in Nursing (BScN) from the Aga Khan University (AKU) in 2009. Since his graduation he has been affiliated with the Department of Emergency Medicine (DEM) at AKU in different capacities including Team Leader, Patient Care Coordinator, Triage Care Coordinator, Assistant Head Nurse and Acting Clinical Nurse Instructor.

During his four years of experience in DEM dealing with trauma patients, he developed interest in trauma research. He is interested in exploring burden of non-communicable diseases like trauma (road traffic injuries, occupational injuries, violence) in developing countries like Pakistan. He

also has worked with Focus Humanitarian Assistance Pakistan as a member of disaster management program at community level in Gilgit-Baltistan.

He joined the MSc Health Policy & Management program to contribute towards trauma research and injury prevention. Through Fogarty Johns Hopkins University-Pakistan International Collaborative Trauma and Research Training program his aim is to contribute towards role of emergency medical services and early life-saving interventions and its outcomes in trauma patients.



Attaullah Baig

INTRODUCING NEW TRAINEE - HARIS AHMAD

Haris Ahmad graduated with a BSc (Honours) degree in Economics & Political Science from Lahore University of Management Sciences (LUMS) in 2011. He was awarded the LUMS National Outreach Program (NOP) Scholarship for the entire duration of his undergraduate education at LUMS.

He has worked as a Medical First Responder (MFR) in LUMS Emergency Medical Services (EMS), and also held the responsible position of Deputy Head of Operations in LUMS EMS. Having an interest in policy making, he enrolled himself in the MSc in Health Policy & Management program at AKU.

He has an interest in reviewing the provisions of care which exist at the federal, provincial and municipal levels of government in Pakistan to provide for the trauma, injury and paramedical needs of the people.

Through the fellowship he hopes to explore the factors that are hindering the development of public emergency medical services in Pakistan and also wants to observe the arrangements and facilities that are present abroad for the public. He likes to be in action and believes that research without practical implementation or use of the findings made becomes meaningless.



Haris Ahmad

INTRODUCING NEW TRAINEE - NAVEED AHMED

Naveed Ahmed is in the first year of Masters in Health Policy & Management (HPM) program at the Aga Khan University. He is a trained Physiotherapist with a Master degree and has more than 5 years of clinical experience at Physiotherapy Department at the Aga Khan University Hospital.

During his career he came across patients with traumatic brain injuries and spinal cord injuries. His interest is in the prevention and management of such patients to improve their outcomes including disability. According to Naveed "an effective rehabilitation program for traumatic brain injury and post spinal cord injury patients can prevent further trauma and ultimately minimizes

the financial burden on healthcare facility".

He has been involved in the care of elderly patients through Home Physiotherapy Services and has worked to minimize risk of falls in elderly in home environment by prescribing walking frames and teaching muscle strengthening exercises.

Naveed believes that disability and rehabilitation are an important public health issues and affect large population in Pakistan. He hopes that JHU-Pakistan ICTIRT program will provide him the platform to focus on these issues by devising and instigating effective policies.



Naveed Ahmed



The JHU-Pakistan Fogarty International Collaborative Trauma and Injury Research Training (ICTIRT) Program is a partnership between the Johns Hopkins University Bloomberg School of Public Health (USA) and Aga Khan University (Pakistan) supported by a grant from the John E. Fogarty International Center of the National Institutes for Health, Department of Health and Human Services. The Fogarty Center's mission is to address the growing burden of morbidity and mortality in the developing world due to trauma and injury.

The long-range vision of the Johns Hopkins-Pakistan ICTIRT is to build human resources, research infrastructure and appropriate policies for acute care and prevention and control of injuries and trauma in Pakistan to serve not only the country but also the South Asian region and the Middle East as well.

VISIT US AT

Johns Hopkins Bloomberg School of Public Health

www.jhsph.edu

JHU International Injury Research Unit:

www.jhsph.edu/iiru

Aga Khan University

www.aku.edu

Khyber Medical University

<http://www.kmu.edu.pk/>

Fogarty International Center:

www.fic.nih.gov

RECENT PUBLICATIONS

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