



آغا خان یونیورسٹی
THE AGA KHAN UNIVERSITY

PAKISTAN
LIFE SAVERS
PROGRAMME



Join hands, save lives

Bi-Annual Newsletter

October 2023

AKU-CETE NEWSLETTER

**AKU Centre of Excellence for Trauma and Emergencies:
Pioneering Global Standards in Emergency Medical
Response**





OBITUARY

IN THE LOVING MEMORY OF DR. SEEMIN JAMALI - FORMER MEMBER OF THE PAKISTAN LIFE SAVERS PROGRAMME ADVISORY BOARD

The Centre of Excellence for Trauma & Emergencies and the PLSP Secretariat mourns the loss of an exceptional individual, a luminary in the realm of emergency medicine.

Dr. Seemin Jamali, a distinguished Emergency Physician, renowned educator, and a compassionate soul, was an invaluable asset to the **Pakistan Life Savers Programme's National Advisory Board**. Her loss leaves a void that can never be filled.

Throughout her career, Dr. Jamali dedicated her expertise, compassion, and unwavering commitment to saving lives, providing quality care, and training the next generation of medical professionals. Her contributions to the medical community will continue to resonate and inspire countless healthcare providers.

In her memory, may we find strength, and in her honor, may we continue the noble work she so passionately pursued. May her soul rest in eternal peace.

Message from the Dean, Medical College Pakistan

Dr. Adil Haider



At AKU, we are committed to improving patient outcomes. Our research efforts, collaborations and programmatic investments aim to create positive impact in the lives of our patients.

The goal of knowledge creation is not an end in itself; it is a means to achieve the ultimate vision of enhancing the quality of life of the communities in which we serve in a manner that is relevant, accessible and of supreme quality.

The work CETE undertakes is an example of this. The Centre is taking a holistic approach with a singular focus of improving patient outcomes and I applaud them for all that they have achieved in such a short span of time.

The entire team is highly motivated, experienced, and adaptive; and that shows in the results.

The last few years have challenged us beyond measure with global pandemics, disease outbreaks, devastating floods, and record heat waves. And though we have responded to the best of our abilities and managed to rise to the occasion, it has also unveiled many flaws in national and global healthcare systems.

A proactive, solutions-based approach is required if we are to tackle the healthcare challenges of the future, and we are dedicated to disaster management and responsiveness.

Whether it is the Pakistan Life Savers Program that aims to create an army of trainers in CPR and bleeding control, or the FAEMER study that is enhancing care for critically ill children during ambulance transport, or the disaster preparedness course for healthcare workers, we are looking at unique proactive solutions within our local context that can generate tangible impact for large segments of our population. And the theme of access to equitable care runs through it all.

None of this can be done in isolation. CETE works closely with local and international partners, collaborates with the government, conducts outreach and advocacy work, and employs a wide variety of tools at its disposal.

The expertise the team possesses is second to none, and I am certain that they will exceed all expectations.

We stand firmly behind them.

Message from the Founding Director, CETE

Dr. Junaid Razzak



Three years ago, the Centre of Excellence for Trauma and Emergencies (CETE) embarked on a mission to transform trauma and emergency care in Pakistan through dedicated research, capacity building, and policy engagement.

We are thrilled to present our inaugural CETE Newsletter, celebrating the incredible work of our team and the milestones we've achieved.

At the heart of our initiatives is the **Pakistan Life Savers Programme**, our flagship project, which aims to equip Pakistani youths with vital skills such as CPR and bleeding control. Over **200,000 individuals** have received this life-saving training, and 5,000 master trainers are now equipped for a cascading impact. This underscores our commitment to nurturing empowered, compassionate individuals who truly make a difference when it matters most.

Our advocacy for **policy change** is another essential facet of our work. Collaborating closely with the government, we are dedicated to supporting the unsung heroes, bystanders, and family members who selflessly step in to save lives. We believe in creating a supportive environment that empowers these everyday heroes to act swiftly when lives hang in the balance.

We're breaking new ground by documenting patient-reported disability outcomes in our **multi-hospital trauma registry**, enhancing patient-centered care. Additionally, we're partnering to establish prehospital data systems, improving our understanding of emergency care in Pakistan.

Our unwavering commitment to **disaster preparedness** includes training healthcare workers in Sindh for disaster leadership, ensuring community safety during crises.

We're also focusing on **healthcare worker mental health** in collaboration with AKU's Department of Psychiatry, addressing the challenges faced on the frontlines with innovative approaches to support well-being.

We are conducting a trial of **Ambulance-Based mHealth for Paediatric Emergencies** to improve pediatric emergency care. This innovative mobile health solution enhances childcare transportation, ensuring that young community members receive timely and specialized care.

We offer an **international research course**, in collaboration with Brown University and Weill Cornell Medicine, for emergency medicine residents from all over Pakistan. This empowers the next generation of healthcare providers with skills to innovate in emergency and trauma care.

We're also **training doctorate-level researchers** in trauma and injuries through our collaboration with the Department of Emergency Medicine. Additionally, we've assisted prehospital services in enhancing their capacity to provide better care for millions of patients they transport.

As you delve into the pages of this newsletter, you'll witness the tangible impact our research, initiatives, and the extraordinary dedication of our team have had on the communities we serve. We invite you to join us on this journey as we work together to build a safer future for all.

As we progress in our mission, we extend our **heartfelt gratitude to the leadership at Aga Khan University** for their unwavering support and trust in our initiatives. It is through this steadfast partnership and shared vision that we can continue to drive meaningful change and improve the quality of emergency and trauma care in the regions we serve.

We also acknowledge our many national and international partners, including our colleagues at Weill Cornell Medicine, for supporting this important work. I would like to acknowledge **AKU Medical College's Class of 1994** for their support of Pakistan Life Savers Programme.

Thank you for being part of the CETE community. Together, we are shaping a safer and healthier future for all.

Exclusive Interview

Dr. Farid Panjwani - Dean, Institute for Educational Development, Aga Khan University (Pakistan)



What's your vision for education in Pakistan?

Education should be a dialectical process - providing children with knowledge, values and opportunities in order to draw out their potential, passions and curiosities. If this happens, it will lead to the flourishing of individuals and ultimately societies. Such an education will produce people with individuality, critical thought, courage and a deep sense of fairness. The resulting human beings will be almost impossible to control and put in the service of ideologies of various kinds. So, what do we do? First, we keep hope. The passion among many young men and women for contributing to the provision of quality education to children is amazing. We see some brilliant young minds who could make far more money in other fields, devoting themselves to education, particularly teaching. Second, we keep the vision in mind, vision of an education that makes humans who are free in thinking and fair in dealing, and do what we can in every part of education - curriculum, teacher development, assessment. As the poet says, *apnay hisay ki koi shama jalatay jatay*.

What is the relevance of teaching life-saving skills to students in Pakistan?

I see two aspects here. There is a technical aspect of learning skills to provide immediate support that can help save an endangered life. This in itself is a worth activity. Every child should learn it. Still, one may ask, but why should we save a life? This brings us to another aspect to teaching life-saving skills - more philosophical and ethical. It has to do with learning to value life, as the most precious yet most vulnerable element on the earth. Before being students, we are all human beings, and more importantly, we represent life. When life switches off, you no longer remain a student, doctor, or engineer. If we see lifesaving as not only a set of skills but also as bringing out and cultivating an orientation to life within which it is worth saving, we can help students learn to value their own and others' lives.

How do you think the educational leadership of Pakistan can play its role to contribute to this programme and help ensure the programme's sustainability?

For the intellectual sustenance of the programme, educational leaders should see it as creating an orientation towards life rather than just teaching a technique, as I mentioned above. This can be made sustainable if we reach a critical mass and create PLSP Champions in every institute who can then carry forward the mantle. For financial sustainability, it'll be a great idea to link this to the ongoing campaigns for Climate Justice and Climate Change and create an endowment for PLSP.

To ensure the programme's success, how can we motivate our teaching staff to take up the role of PLSP trainers and teach lifesaving skills along with the rest of their subjects?

I think it'll be a great idea to incorporate PLSP in the curriculum of teacher education (B.Ed. programmes) so that it becomes part of the teacher formation. AKU-IED will initiate B.Ed. programmes from next year onwards and will be glad to help integrate PLSP into our modules. This will allow the teachers to own the PLSP teaching modules as a part of their education and job responsibility.

What else can be done?

I think, PLSP can become the champion of safety and security through campaigns and showing the terrible impact on individuals and families when safety is ignored. Safety and security on roads, at homes, in workplace. For example, a video can be made about real stories of road accident victims that could have been avoided with some consideration of safety. In many countries, there are safety and security standards as well audits. PLSP can help develop this culture alongside its skills development programmes. In the long run this cultural shift can be its most important contribution.

Driving Change Through Policy Advocacy for a SAFER Tomorrow

Centre's Leadership Meets AJK Prime Minister, Gains Full Support for PLSP Expansion



اسلام آباد: وزیر اعظم آزاد کشمیر چوہدری انوار الحق سے آغا خان یونیورسٹی کے ڈائریکٹر ڈاکٹر جنید عبدالرزاق ملاقات کر رہے ہیں

Recently, the Centre's leadership embarked on an important journey to Azad Jammu & Kashmir, where they had a productive meeting with Prime Minister Chaudhary Anwar ul Haq. During the meeting, Pakistan Life Savers Programme's vision was discussed in detail. The Honourable PM assured his complete support to scale up the programme throughout AJK, including access to training sites and provision of training supplies.

Bystander protection laws are crucial for empowering and encouraging individuals to intervene and assist in emergencies without fear of legal repercussions. We thank Former Hon. Minister of Health, Dr. Azra Fazal Pechuho, for championing our cause. At the Karachi Press Conference, stakeholders united to raise awareness with DG Health, Dr. Irshad Memon, Founding Director AKU-CETE, Dr. Junaid Razzak, and Dr. Noor Baig (Lead Physician, PLSP).



Championing Bystander Protection: Hon. Minister Dr. Azra Fazal Pechuho Leads Press Conference in Karachi

Empowering Future Researchers: EM Research Insights Course



AKU-CETE, Brown University, and the Department of Emergency Medicine at Weill Cornell Medicine join hands in an unprecedented international collaboration to launch a cutting-edge virtual research learning experience. Designed exclusively for emergency medicine and prehospital care providers across the nation, this course promises to revolutionize research writing and publication for healthcare professionals in the EM field.



Dr. Junaid Razzak
Course Advisor



Dr. Siraj Amanullah
Course Director



Dr. Ayesha Abbasi
Course Co-Director

"We are thrilled to announce the commencement of the EM Research Insights course, a pioneering collaboration that unites faculty members from diverse academic centers. Our shared mission is to elevate the landscape of emergency care research across multiple institutions in Pakistan. The way the course is designed will bring in research discussion and experience of how to conduct research with longitudinal mentorship for our participants. We are looking forward to months ahead as we continue our journey to meet our objectives."

Warm Regards,
Dr. Siraj Amanullah

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STUDENTS

Representing the Following Prominent Healthcare Institutes:

- Aga Khan University
- Punjab Emergency Service Department (Rescue 1122)
- Gambat Institute of Medical Science
- Shifa International Islamabad
- Childlife Foundation Sukkur
- LUMHS Jamshoro
- POF Hospital Wahh Cantt
- Shaheed Mohtarma Benazir Bhutto Institute of Trauma
- Lady Reading Hospital, Peshawar
- Liaquat National Hospital

From Strength to Strength: Pakistan Life Savers Programme Surpasses 200K Life Savers Trained in CPR and Bleeding Control!



In a country where every second counts, the Pakistan Life Savers Programme (PLSP) emerges as a beacon of hope and preparedness. With a visionary goal of **training a staggering 10 million Pakistanis in CPR and Bleeding Control** over the course of a decade, this transformative initiative is set to redefine the nation's approach to emergency response.

At the heart of this mission lies the empowerment of our youth. The primary training cohort for the programme is our nation's students, who are not only the future but also the front line when it comes to emergencies.

A Train-the-Trainer Approach:

To achieve such a monumental goal, PLSP employs a forward-thinking "train the trainer" model. This innovative approach involves training dedicated teachers as PLSP trainers, who, in turn, pass on their expertise to students, transforming them into life savers. By cascading this knowledge through our educational institutions, PLSP is not only building a network of skilled individuals but also fostering a culture of preparedness and compassion.

As of October 2023, we have trained



246,299

Life Savers



2,281

Trainers



2,880

Master Trainers

In the realm of hope, PLSP's journey shines bright.

AKU Examination Board Teachers Transforming Students into Pakistan Life Savers

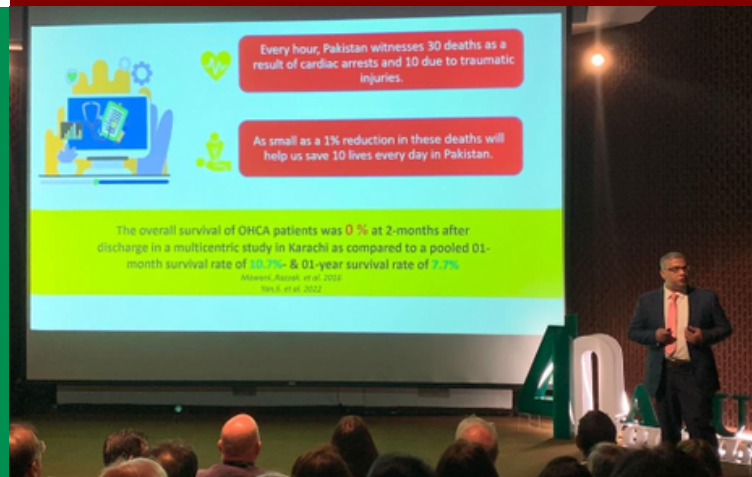


Kudos to our Aga Khan University Examination Board teachers who successfully trained as PLSP trainers! Now, they embark on a new journey, empowering students in CPR and Bleeding Control and training them as Pakistan Life Savers.

We deeply appreciate their dedication to spreading life-saving knowledge across Pakistan!

Aga Khan University's Global Acclaim: PLSP Named Among Top Seven Impactful Works

Dr. Noor Baig, Physician-in-Lead of the PLSP presented the vision and initial success of PLSP at the Research Showcase Event "At the Tipping Point" held on March 17th, 2023 at the AKU's 40 Years Celebration. The project was selected as one of the seven most impactful works across all global campuses of AKU. The University leadership and our partners across the globe appreciated his presentation with an outpouring of support for bystander CPR and Bleeding Control.



PLSP Collaborates with Government of Sindh to Train Master Trainers



Following the inaugural session with the Honourable Minister for Health, Dr. Azra Pechuho, the team of Master Trainers from the Health and Population Welfare Department has started training life savers in their respective districts.

The sessions are monitored and evaluated by the PLSP Secretariat for quality assurance purposes.

In the realm of hope, PLSP's journey shines bright.

Safety for All: KU Special Education Department Equips Students with Life-Saving Skills



Young students at the Karachi University Department for Special Education are now equipped with life-saving CPR and Bleeding Control skills!

Committed to inclusivity, they're ready to empower and safeguard our special education students!

PLSP Leadership in Resuscitation Course



The PLSP 'Leadership in Resuscitation' Course is a bi-annual, CME-accredited practice held in collaboration with the Resuscitation Academy Foundation for the PLSP Master Trainers.

The course is aimed at keeping them updated on the latest best practices in the field of resuscitation and high-performance CPR. This year, the two-day course was also conducted at **PAK TRAUMACON 2023**, organized by Shaheed Muhtarma Benazir Bhutto Institute of Trauma.

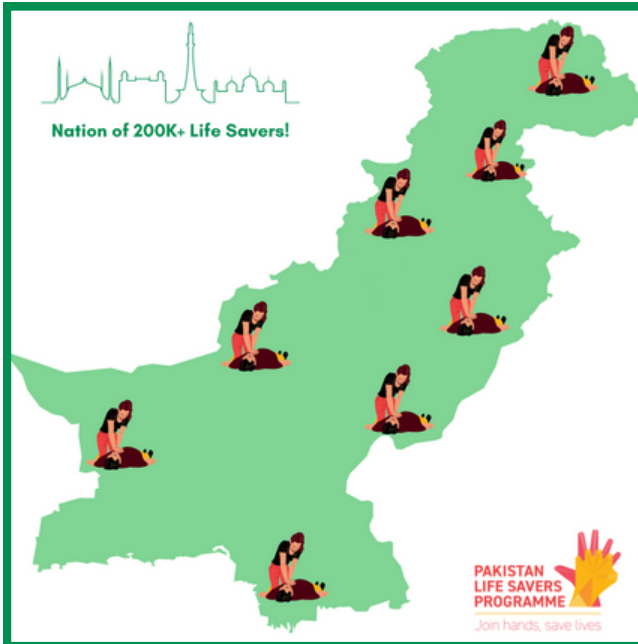
In Academia: PLSP Finds a Place in Aga Khan University - Examination Board's Textbooks



The incorporation of the PLSP into the textbooks of AKU-EB marks a significant milestone in advancing the mission of life-saving education. This groundbreaking initiative aims to equip students with crucial life-saving skills right from their formative years.

We are proud of AKU-EB for recognizing the paramount importance of life-saving knowledge as an essential life skill, laying a strong foundation for building a safer and more resilient society.

Unity in Progress: PLSP Extends Gratitude to Partners Spanning the Nation



PLSP extends heartfelt appreciation to our esteemed regional partners from every province of Pakistan.

Their unwavering dedication and commitment to running the Pakistan Life Savers Programme in their respective regions have been instrumental in our shared mission to make Pakistan a nation of life savers and have made a significant impact on communities across the country.

We are grateful for their invaluable contributions and look forward to continuing this life-saving journey together.

The programme extends its reach to the following regions in alliance with:



Punjab:

Punjab Emergency Service Department (Rescue 1122)



Balochistan:

Bolan Medical College & National Youth & Development Society (NYDS)



KPK:

Khyber Medical University (KMU)



Azad Jammu & Kashmir:

AJK Medical College Muzaffarabad

Our primary partners/collaborators in Sindh include but are not limited to:

- Ministry of Health, Government of Sindh
- Dow University of Health Sciences
- Dr. Ziauddin Hospital
- National Institute Of Cardiovascular Diseases
- Tabba Heart Institute
- SMBB Institute of Trauma
- First Response Initiative Of Pakistan (FRIP)
- Jinnah Postgraduate Medical Centre
- Sindh Integrated Emergency and Health Services

Unsung Heroes: How PLSP Trained Individuals Perform CPR to Rescue Lives

(Click on the thumbnails or scan the barcode to play the complete video testimonial)



Tamseel from DOW University of Health Sciences

A respiratory therapist and PLSP Master Trainer based at DUHS who made an effort to save her neighbour's life during a cardiac arrest.



Usama from Khyber Medical University

A young 24 years old student and PLSP Master Trainer at KMU who saved a stranger's life on the road by performing CPR.



Saifuddin from AKDN

A student counsellor at the Aga Khan Education Services who took the Centre's Medical First Responder Course and saved a young child's life during a short circuit.

Meet the Distinguished Members of the PLSP National and International Advisory Boards

The Pakistan Life Savers Programme's Advisory Board plays a pivotal role in guiding our mission and ensuring its success. Comprised of esteemed experts and professionals from various fields, they provide invaluable insights, strategic direction, and expert counsel. We deeply appreciate their unwavering commitment to our cause and their instrumental role in making Pakistan a safer place through life-saving education and preparedness.

PLSP International Advisory Board



Ann Doll
Executive Director,
Resuscitation Academy
Foundation



Bryan McNally MD
Prof. of Emergency
Medicine, Emory University
School of Medicine



Jim Dodd
Senior Manager, Stop The
Bleed - Save a Life
Programme, American
College of Surgeons



Prof. Marcus Ong
Professor & Director Health
Services And Systems
Research, Duke-NUS
Medical School



Paul Kivela, MD
Prof. of Emergency
Medicine, University of
Alabama & Ex-President
ACEP

PLSP National Advisory Board



Dr. Shehzad Jeeva
Director, Aga Khan
University Examination
Board



Farheen Salman Amir
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Pakistan, Ekaterra -
Unilever's Tea Division



Riaz Ahmed Kamlani
Executive Vice President
(Outcomes), The Citizens
Foundation



Saima A. Khawaja
Lawyer, Environmentalist,
and Member (Board of
Directors, LUMS)

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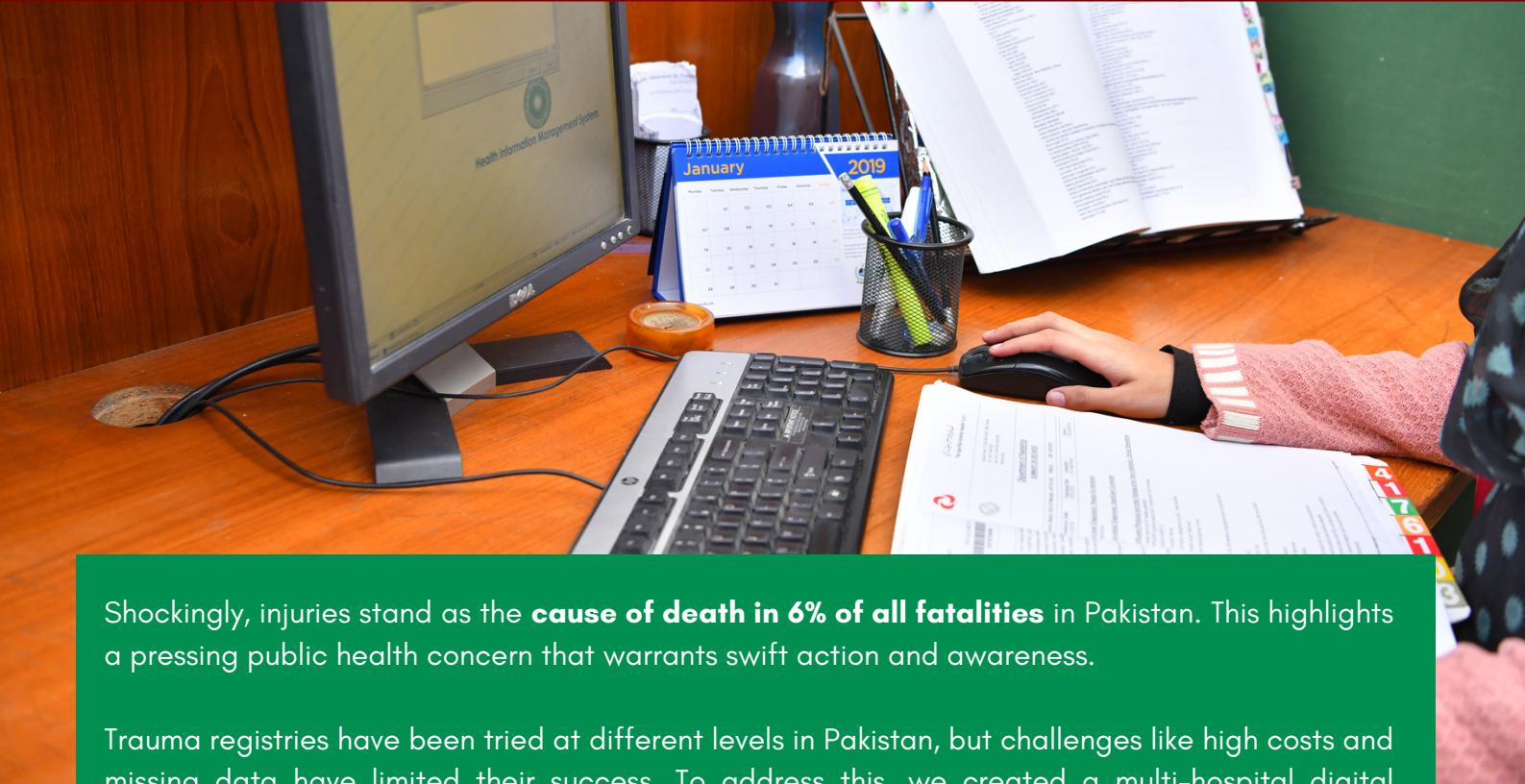


plsp.org.pk



plsp@aku.edu

Unraveling the Patient Journey: Pakistan's 1st Multihospital Trauma Registry Explores Disabilities



Shockingly, injuries stand as the **cause of death in 6% of all fatalities** in Pakistan. This highlights a pressing public health concern that warrants swift action and awareness.

Trauma registries have been tried at different levels in Pakistan, but challenges like high costs and missing data have limited their success. To address this, we created a multi-hospital digital trauma registry to collect patient-reported disability outcomes (PROs) at:

- one
- three
- six, and
- twelve months after an injury.

During the data collection, the study looks at different factors like the rate of survival, how well people could function at different times, how they progressed in rehabilitation, and their quality of life. The study also focuses on how well they could take care of themselves, control their bodily functions, move around, communicate, and think socially. This information eventually aims to help doctors make better decisions for patients and improve the quality of care they receive.



3,000+

enrollments in the Trauma Registry.



90%+

completion for in-hospital data.



70%+

completion for 1-month and 3-month follow-up data.



60%+

completion for 6-month and 12-month follow-up data.

iRise Project: Understanding How Health Workers in LMICs Respond to Emergencies and Disasters



Healthcare workers (HCWs) often face the ongoing risk of dealing with acute disasters, like extreme weather events, and prolonged public health emergencies. One key factor that affects Emergency Department-based HCWs' willingness to respond during these emergencies is their self-confidence in handling the situation.

Unfortunately, in low- and middle-income countries (LMIC), there is insufficient focus on preparing the healthcare workforce for such disasters, despite growing awareness of the threat they pose.

But there's hope in using mobile health technology (mHealth) to do this, especially when resources are limited. This study focuses on using mHealth to aims to boost self-efficacy and response willingness among emergency healthcare workers.

The iRise project is a collaborative effort showcases a model for research and training in resource-constrained settings, addressing a critical need.



Our findings have been published in two papers in the "Disaster Medicine and Public Health Preparedness" journal, showcasing our research progress.

Enhancing a Willingness to Respond to Disasters and Public Health Emergencies Among Health Care Workers, Using mHealth Intervention: A Multidisciplinary Approach

Amber Mehmood MBBS, MPH, FCPS¹, Daniel J. Barnett MD, MPH², Bee-Ah Kang MSPH, MA³, Ume-e-Aiman Chhipa MSc⁴, Nargis Asad PhD⁵, Badar Afzal MBBS, FCPS⁶ and Junaid A. Razzak MBBS, PhD, FACEP^{4,7}

The Role of Self-Efficacy and Risk Perception in the Willingness to Respond to Weather Disasters Among Emergency Medicine Health Care Workers in Pakistan

Bee-Ah Kang MSPH, MA¹, Daniel J. Barnett MD, MPH², Ume-e-Aiman Chhipa MSc³, Amber Mehmood MBBS, MPH, FCPS⁴, Badar Afzal MD⁵, Junaid Razzak MBBS, PhD, FACEP^{3,6} and Nargis Asad PhD⁷



In addition, we've developed and completed our i-Rise m-health prototype, taking a step forward in our project's implementation.

Urgent Need to Improve Critical Child Transportation in LMICs: Introducing the FEAMER Study



In Low- and Middle-Income Countries (LMICs), the lack of expertise in managing critical situations during child transportation to dedicated emergency care facilities poses a significant challenge. Every day, numerous critically ill children are transported by ambulances, but currently, there is limited availability of medical support during the transportation process.

The Centre's FEAMER (Feasibility and Efficacy of Ambulance-Based mHealth for Paediatric Emergencies) study aims to enhance care for critically ill children during ambulance transportation. Through video calling technology, doctors connect with Emergency Medical Technicians (EMTs) in real-time. This connection allows doctors to remotely assess the child's condition, provide medical guidance to EMTs, and make informed decisions during transportation.

By combining medical expertise with the power of telemedicine technology, the FEAMER study aims to bridge the gap in critical child transportation care in LMICs.



Equi Injury Focuses on Equitable Access to High-Quality Injury Care for Everyone



Access to quality healthcare for the injured remains a daunting challenge across low- and middle-income countries. The Centre's 'Equi-injury' Research Project, titled 'Equitable Access to Quality Health Care for Injured People in Low- and Middle-Income Countries: Equi-injury' and funded by the National Institute for Health Research, UK, aims to shatter these barriers and usher in an era of equitable healthcare for all.

The project's objectives include establishing a common understanding of stakeholder needs to improve policy, identifying barriers and facilitators to equitable care access, developing an injury pathway model, building stakeholder consensus on research-based sustainable strategies, and synthesizing cross-country learning for shared solutions.

The project utilizes integrated frameworks, such as the Three Delays approach, WHO Health System Building Blocks, and the Institute of Medicine's Quality Framework, to address equitable access to quality injury care.



The Equi-Injury workshops provide a unique platform to study individuals' aspirations for active involvement in policymaking, bridging the gap between public voices and evidence-based policy decisions. We also study how to effectively integrate research into policy formation.

Building Resilient Healthcare: AKU-CETE's Integrated Disaster Response Course for Healthcare Workers

AKU-CETE recently concluded its "**AKU Integrated Disaster Programme.**" This intensive five-day training equipped 20 healthcare experts from Dadu and Sanghar districts, mainly doctors, with essential skills for disaster response. Facilitated by AKU's faculty members, the programme covered:

- trauma response
- psychological first aid
- gender-based violence awareness, and more.

The closing ceremony on August 4, 2023, saw participants receive certificates of achievement, with esteemed guests including Dr. Adil Haider, Dean of Medical College Pakistan and Dr. Tazeen Saeed Ali, Dean of the School of Nursing and Midwifery. The ceremony was also attended by Dr. Junaid Razzak, Founding Director of AKU-CETE.

This initiative enhances disaster readiness, reinforcing AKU-CETE's commitment to strengthening communities and saving lives.



Growing Stronger Together: Introducing Our Fresh Faces

Introducing Zunaira Namal: A Biomedical Engineer with a Passion for Innovation in Healthcare!



Zunaira Namal holds a Bachelor's degree in Biomedical Engineering from Salim Habib University, bringing expertise in data analysis, prototyping, and AI algorithms.

With valuable experiences as a Researcher at NCBC and an intern at Siemens Healthineers, she's driven to apply technology for improved patient care and outcomes.

As part of CETE, Zunaira aims to contribute to scaling up of Pakistan Life Savers Programme and develop cost-effective solutions, contributing to the programme's expansion. We warmly welcome Zunaira to our team and anticipate her innovative contributions!

CETE's Brightest Addition: Dr. Bazil Musharraf as Dean's Clinical Research Fellow

Dr. Bazil Musharraf is a distinguished alumnus of the AKU MBBS class of 2021, having successfully completed his Internship in 2022 at the same institution.

With a keen interest in becoming a trauma surgeon, he is currently serving as a research associate at the centre, where he passionately explores topics such as big data, pre-hospital trauma/EMS, and public health.

Beyond his professional pursuits, Dr. Bazil Musharraf holds a strong fascination for astro-photography, adventure travel, and overlanding. Eager to connect with like-minded individuals, be it in the professional or personal sphere, he welcomes outreach from those sharing similar interests.



Meet the Multifaceted Dr. Shayan Shah - A Medical Marvel with a Business Twist!



Dr. Shayan Shah is a dynamic professional, straddling two worlds - medicine and business. Armed with an MBBS degree from Aga Khan University in Karachi and a BBA specializing in Finance and Strategy & Management Consulting from Goizueta Business School, Emory University, Atlanta, he's a unique blend of expertise.

Currently a Dean's Clinical Research Fellow at AKU, Dr. Shah focuses on disaster management training for healthcare workers and champions initiatives to educate healthcare professionals. His influence extends to medical education, innovative patient care technologies, and addressing disparities in medicine. In his downtime, Dr. Shah is a versatile individual with hobbies ranging from Jiu Jitsu and Wrestling to Olympic Trap Shooting and Reading.

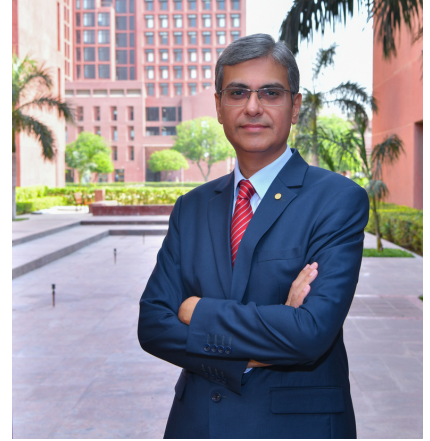
Meet Our Trailblazers: The People Who Make It Happen Every Day



Dr. Junaid Razzak
Founding Director



Dr. Huba Atiq
Assistant Director



Nurali Jivani
Senior Manager



Dr. Noor Baig
Physician in Lead, PLSP



Batul Fatimah
AM - Finance & Grants



M. Sohaib Iqbal
PLSP Lead Trainer



Tasbeeh Fayaz
Marketing and Comms Lead



Ayaz Ilyas
PLSP Lead Trainer



Zaheer Chaand
Project Lead - Equi Injury

Meet Our Trailblazers: The People Who Make It Happen Every Day



Fazila Sahibjan
Research Specialist



Zabin Wajid Ali
Research Fellow



Umme Aiman Chhipa
Research Specialist

CETE Associate Faculty



Dr. Badar Afzal
Assistant Professor, Dept. of Emergency Medicine



Dr. Nadeem Ullah Khan
Associate Professor, Dept. of Emergency Medicine



Dr. Nargis Asad
Chair, Psychiatry



Dr. Uzma Rahim Khan
Assistant Professor & Director Research, Dept. of Emergency Medicine

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to visit our official website

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