



## SPIE facilitated research workshops

The Society for Promotion of Innovation in Education (SPIE) is the official student-led interest group associated with the Centre for Innovation in Medical Education (CIME). It aims to promote simulation-based education and research. It comprises three wings: Education and Health Promotion, Community Work, and Research & Development.

The Research and Development Wing organised a series of research workshops in January 2018, conducted by Dr. Syeda Sadia Fatima, Assistant Professor at the Department of Biological and Biomedical Sciences. The purpose of these workshops was to teach 50 registered participants the basic concepts of research and its methods, identify appropriate research topics, writing research proposals

and research papers with endnote referencing, data collection through Epidata, data mining and statistical analysis using SPSS. Feedback data showed that these workshops were a huge success. One participant commented, "I have learnt a lot over the course of this workshop. Dr. Sadia is a brilliant teacher. The way the SPSS workshop was structured in particular was great for learning the skills in a hands-on manner." Another stated, "It was a very well planned session, which delivered everything promised in the time allotted. Good work SPIE team" while others commented, "It was a great initiative. Looking forward to more of such endeavors."

## Introductory Clinical Simulation Workshop for Nursing Education Services (NES)

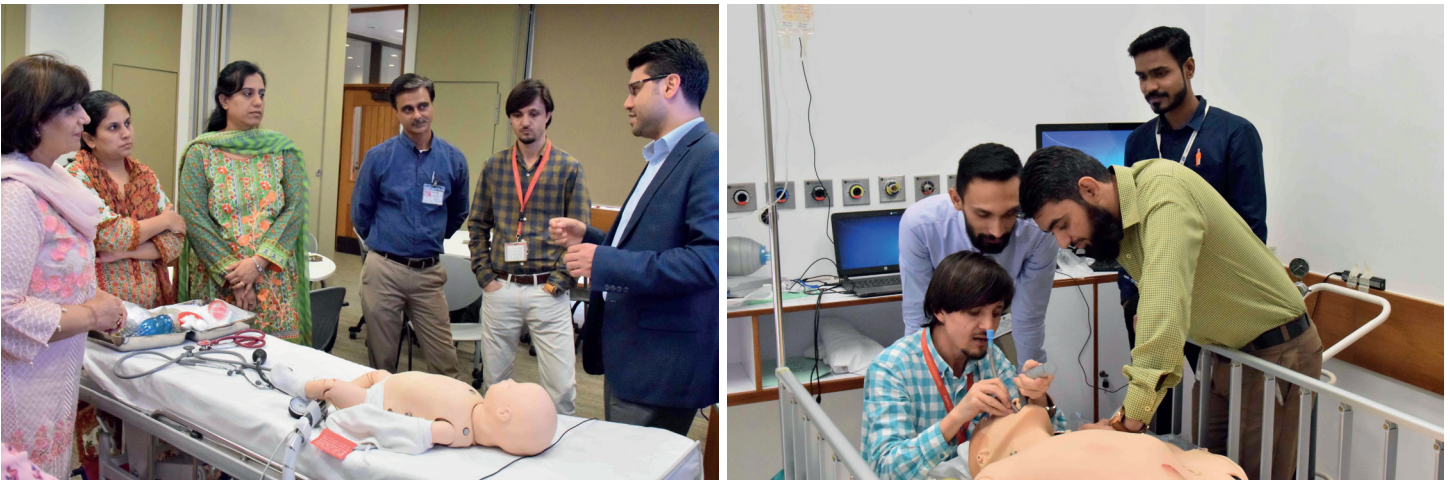
A bespoke clinical simulation workshop was organised for the Department of Nursing Education Services (NES), AKUH. The workshop's educational framework employed elements from the Flipped Classroom approach, team-based learning methods, group work and features of simulation-based education such as scenario writing, role play and simulated practice with debriefing.

The overall aim was to demonstrate, through active participation and 'just-in-time' learning, how accessible simulation-based and technology-enhanced education can be. The session was well evaluated and further tailored workshops are being planned to meet the specific needs of the clinical teachers and trainers within NES. This service is available to any group of faculty who have specific learning needs regarding technology in learning and simulation education.



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## Laerdal training in high fidelity simulators



The Centre for Innovation in Medical Education organised three days of hands-on training for faculty and staff, on the more technical and intimate aspects of using high fidelity simulators. The training was provided with the help of Laerdal Company, a major manufacturer of medical equipment and medical training products, and a supplier to CIME.

The purpose of this training was to provide an in-depth knowledge of operational aspects of high fidelity simulators (SimMan 3G and SimBaby) and the simulation software (LLEAP). This should further enhance and build upon the skills of the educators and CIME staff to plan and programme advanced clinical scenarios by utilising the latest available tools and technology.

## Ms. Hamida Babool, TKN Volunteer, sharing her experience of CIME



My short time at AKU was a dream I hope to experience many more times in the future. It is one thing to read about the AKDN institutions or hear about their work, but engaging with the work itself for two weeks was nothing less than a blessing. From the beauty of the AKU campus to the warm interactions I encountered with the staff, my TKN was a memorable and transformative experience that broadened my view of the AKDN Institutions.

As a child, I remember the inauguration of the AKU campus as a Silver Jubilee project; however when I returned to Pakistan, I was pleasantly surprised to find how powerful a place AKU had become. However, the magnificence that I was privileged enough to see and be a part of was one that I never could have anticipated.

My TKN assignment at the Centre for Innovation in Medical Education (CIME) focused on learning from a group of individuals who were experts in providing a

bridge between classroom learning and real-life clinical experience. I was surprised to learn how well equipped CIME was with the latest technology and tools, which can be a game-changer as to how healthcare professionals are trained and assessed before they practice on real patients. Due to its highly advanced technology, CIME provides a safe environment for healthcare professionals to practice until they achieve proficiency in their required skill set. I believe CIME, when fully utilised, has the potential to alter the course of the quality of healthcare provided within various regions in Pakistan.

The time I spent at AKU has inspired me to dedicate myself further within the work of our institutions in whatever capacity possible. This is just the beginning and, Inshallah, under the leadership of Professor Charles Docherty; I hope to be involved in other projects for years to come.

## AKU's 3rd Orthopaedic Review Course

The third orthopaedic review course was held at the Centre for Innovation in Medical Education. More than 50 participants attended this course from all over Pakistan. This was the first time the orthopaedic review course was also available online so that those who could not make it to Karachi, would not be deprived of this academic activity. This was an extensive course spanning a period of six days and each day had theme based sessions. Totalling 65 hours, this course is accredited by the American Association of Continuing Medical Education (AACME). On the last day, the participants were tested for their knowledge through Task Oriented Assessment of Clinical Skills (TOACS).

An important highlight of this course was the presence of national faculty and for the first time foreign faculty participated via a weblink. Seven speakers were from USA, three from Turkey and two from China. Overall the course was appreciated well by the participants and the need for organising more of these courses was emphasized.



## English Language Fair 2018

CIME hosted AKU's first English Language Fair on the 25th January, 2018. This event was organised by the Network of English Language Enhancement, AKU, in partnership with the British Council, Karachi.

The main purpose of the Fair was to provide AKU staff with information on how to improve their English language skills. High levels of English are essential for employment and career advancement at AKU.

The event attracted around 300 visitors; and there was much for them to do. Visitors could test their English level online, participate in a speaking competition, play English language games, attend workshops, and find out about the courses and services ELE\_net and the British Council have to offer.

CIME broadcast interviews throughout the event, live on our Facebook page. These interviews are archived and still available on Facebook. The feedback was very positive. Many participants remarked on how well the event was organised and how enjoyable it was. The workshops were particularly popular... along with the cake pops available in the refreshment area!

