

Med NEWS

Our mission is "To improve the quality of Medical Education"

In This Issue :

- Interviews of Medical Educationists
- Multiple Mini Interviews (MMI)
- Basic life support program, BLS
- Faculty achievements, Students co-curricular activities and more

Editorial Board



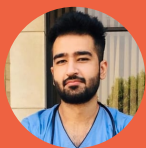
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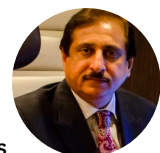


In conversation with renowned Medical Educationists!

Department of Medical Education has taken the initiative to interview renowned Medical Educationists around the globe. This issue will feature interviews of Prof. Dr. Syeda Kauser Ali and Brig. Dr. Mowaddat Hussain Rana.



Prof. Dr. Syeda Kauser Ali is amongst the pioneers of medical education in Pakistan. She started her journey as a trainee medical educationist in the Department of Medical Education at College of Physicians & Surgeons, Pakistan in 1991. She received a WHO Fellowship for Master of Health Professions Education (MHPE) program at the University of Illinois, Chicago. She then returned to CPSP and rose to the rank of Director ME. At CPSP, she was instrumental in the capacity building of CPSP supervisors and examiners, improvement of CPSP examinations, and development of structured fellowship and membership curricula. She started the first qualification in health professions education in Pakistan (DCPS-HPE). Later, she joined the department for educational development (DED) at AKU, where she led the development of examination blueprints for the undergraduate and postgraduate programs in medicine and nursing and also contributed to the development of competency-based residency curricula. She was the recipient of AKU's best teacher award and faculty development award for Ph.D. in ME. Currently, Dr. Kauser is the Chairperson at the Institute of Medical Education, Jinnah Sindh Medical University, and is working to enhance the quality of education through capacity building of faculty members, improving the curriculum and program of assessment. She has led the development of a longitudinal curriculum in professionalism, patient safety, and communication for the MBBS and BDS programs and has started the first Ph.D. program in health professions education in the province of Sindh.



Brig. Dr. Rana is a Sitara-e-Imtiaz awarded psychiatrist who has received Honors and university distinction in Physiology, Forensic medicine, special Pathology, and Medicine. He has published papers on mental illness, violence, myth, and reality in the Armed Forces Medical Journal. His research papers have been extensively published in both national and international journals. He has served as the Chief Editor of the journal of Pakistan Psychiatric Society, as the Director of Center for Trauma Research and Psychosocial Interventions, and is the former Dean of the Faculty of Psychiatry, College of Physicians and Surgeons Pakistan and advisor in Psychiatry Armed Forces Institute of Mental Health.

Detailed interviews are on page 3.

Welcome on board!

Dr. Khalid Mahmood Cheema has joined DME as the Deputy Director of the Medical Education Department. Congratulations and welcome to the team!



Session on Anger Management



A session on "Anger management" was organized by DME on October 28, 2021. The facilitator of the session was Prof. Dr. Saad Bashir Malik, HOD Psychiatry. Both students and faculty participated in the session. The objectives of the session were:

- Recognize how anger affects the body, mind, and behavior
- Identify different ways to help safely manage repressed or expressed anger
- Become aware with the contagious emotion of anger

Session on SEQs



On November 4, 2021, DME arranged a session on Short Essay questions. Dr. Syed Hasan Shoaib, Director of Medical Education, facilitated the session. Faculty of Clinical and Basic Sciences participated in the session. The objectives of the session were:

- Discuss the main advantages and limitations of SEQ
- Differentiate between different types of essay questions
- Construct essay questions along with the key that assesses the given objective.

Basic Life Support Program



DME initiated a Basic Life Support Program in liaison with the Cardiology department. In a span of 8 weeks, certified BLS trainers have trained 84 final-year MBBS students to provide basic life support. The aim of the BLS program is to train all the undergraduate medical students during their MBBS program. DME aims to extend the BLS program to train the teaching faculty as well.

IT Skills (Basics of MS Excel) training workshop



A session on IT skills was organized by the Department of Medical Education. The facilitators of the session were Mr. Safder Javed and Mr. Syed Irfan Hussain. Participants were not only provided the information on MS EXCEL and data management but also given an opportunity for hands-on experience.

The objectives of the session were:

- Use of EXCEL in research data management
- Work with functions and formulas in MS Excel
- Use filters and sort table data
- Create and edit charts and graphics

Workshop on Basics of assessment and construction of MCQs



DME has arranged a workshop on the Basics of assessment and construction of MCQs on December 14, 2021. Dr. Syed Hasan Shoaib and Dr. Khalid Mahmood Cheema facilitated the session. The objectives of the session were:

- Describe the characteristics of good examination
- Relate assessment tool with educational objectives
- Construct one best type of MCQ
- Identify the pitfalls in the construction of MCQs

Item Analysis Workshop



DME has arranged a session to reinforce the concept of Item Analysis on December 23, 2021. The session was facilitated by Dr. Khalid Mahmood Cheema and Dr. Sundus Iftikhar. The teaching faculty participated. Participants were expected to perform:

- Post-hoc Analysis
 - > Test reliability
 - > Difficulty Index
 - > Discrimination Index
 - > Distractor Analysis

In conversation with renowned Medical Educationist

1. Qualification and degree awarding institute.

I have completed MBBS from Dow Medical College affiliated with Karachi University, MHPE from the University of Illinois Chicago, USA, and a Ph.D. from the University of Calgary, Alberta, Canada.



2. What made you pursue a degree in Medical Education?

I have always discouraged rote memorization and subjective assessments. Later, I had a teaching experience at the Department of Community Health Sciences, AKU, where I got exposure to innovative learning methodologies. I was fortunate to get selected as a trainee medical educationist (ME) at CPSP. and got a chance to learn from the Gurus of Medical Education in Pakistan namely Prof. Fazal Elahi and Prof. Naeem Jafarey. I was then selected for a WHO fellowship and learned from the giants of ME like Dr. Ara Tekian, Dr. George Bordage, and Dr. Arthur Elstein who further fueled my passion for ME.

3. What are your career aspirations as a Medical Educationist?

To improve the quality of MHPE programs and develop a CPD program for qualified junior medical educationists.

4. What are your significant contributions to the ME?

My main contributions are the capacity building of undergraduate and postgraduate education faculty of nursing, medicine, and dentistry. I have also promoted the field of HPE through role modeling, advocacy, and informal mentoring. I started the first-ever program in ME at the CPSP, Pakistan. It was a diploma in health professions education, which has been upgraded to a membership of the CPSP and recognized by the regulatory authorities for appointment as a faculty in medical colleges. I have contributed towards improving the quality of PG programs (MCPS and FCPS) by developing competency-based curricula and improving the quality of FCPS & MCPS examinations by conducting examiner training, standardizing the assessment forms for long and short cases, doing post-exam analysis, and providing feedback to item developers and examiners. My latest contribution is initiating the first Ph.D. program in HPE in Sindh.

5. What is your area of concentration in the ME?

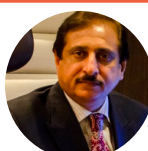
Faculty development, Educational Measurement, and Program Evaluation

6. One aspect you want to improve in the ME and how to bring that change.

I want to focus on instilling compassion and empathy in health care professionals. This has to be integrated into the UG and PG curricula and requires role modeling by the faculty in clinical and basic sciences.

1. Qualification and degree awarding institute.

MBBS, MCPS, FCPS, MRCPsych (UK), FRCPsych (UK), DCPS-HPE, MCPS-HPE, CBT (Oxford)



2. What made you pursue a degree in Medical Education?

To translate my experiences of medical education into a recognized diploma.

3. What are your career aspirations as a Medical Educationist?

Continue to inspire learners and facilitators alike in staying partners in the learning process

4. What are your significant contributions to Medical Education?

I have run hundreds of ME training workshops, and since 2004/5 I have been a faculty member at various training programs in Pakistan and abroad.

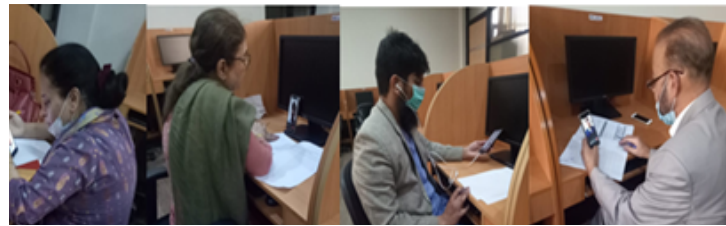
5. What is your area of concentration in Medical Education?

Theories of Learning, Attribution and Motivation, and Leadership.

6. One aspect you want to improve in ME and how to bring that change.

Initiation of clinical training of medical students in hospitals. This can be brought about by taking all forms of teaching to bedside and ward side.

Multiple Mini interviews MMI



SMDC takes pride to use MMI as a more reliable assessment to induct potential medical students. The MMI gives applicants multiple opportunities to showcase their skills throughout the interview, unlike the traditional one-on-one interview. The process of MMI is grounded in theory, supported through research, and reduces interviewer bias. For the induction of the MBBS cohort of 2022-2027, DME along with the IT department has planned, managed, and supervised the entire process of MMI. 132 clinical and basic sciences faculty interviewed 675 candidates virtually. Candidates were interviewed by six different faculty members on six different stations to assess their motivation to resolve societal issues, ethics, empathy, leadership skills, communication skills, and critical thinking.

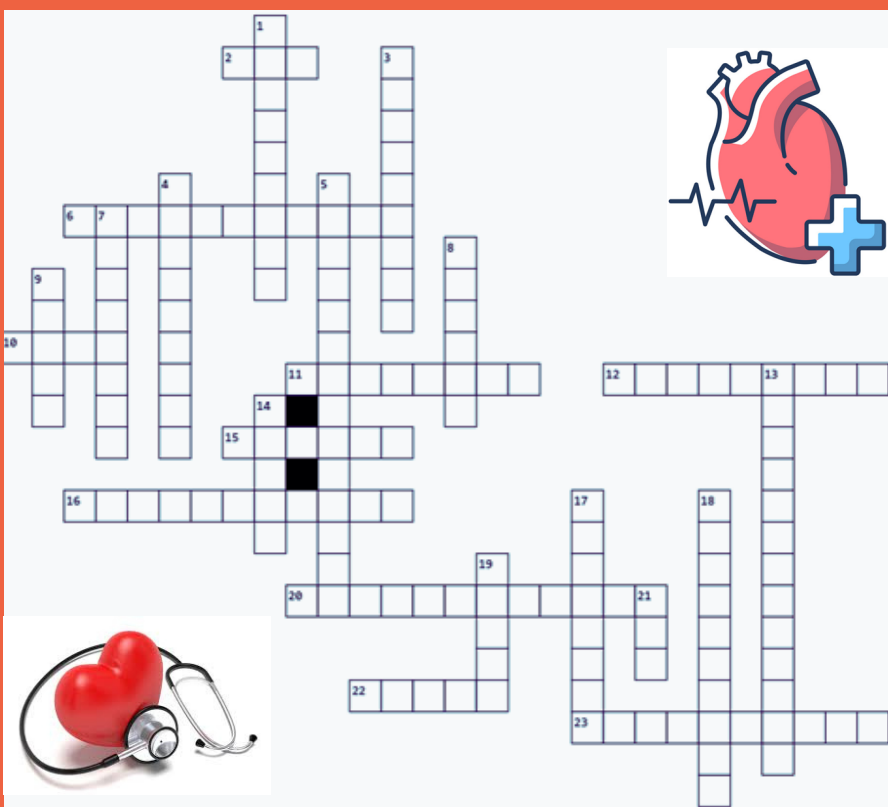
Faculty research contributions and achievements

- Dr. Sarosh Saleem, Head of the Bioethics department has been awarded Hans Joachim Schwager Award at the International Conference of Clinical Ethics Consultation (ICCEC) 2021 held at Stellenbosch, South Africa on 31st Nov-2nd Dec 2021 for developing a Clinical Ethics Tool, which is being implemented at Shalamar Hospital. This award is dedicated to the innovation in Clinical Ethics Consultation.
- Dr. Saleem Perwaiz Iqbal, Associate Professor of Community Medicine has been awarded the PHRG grant 2021 by the Shahid Hussain Foundation for the project titled "Effects of Lifestyle factors on Metabolically Healthy Obesity and Metabolic Syndrome among adults residing in a semi-urban area of Lahore, Pakistan".
- UHS arranged the first contact session of the certificate program (CMT) for the faculty of Mohtarma Benazir Bhutto Shaheed Medical College at Mirpur. Dr. Syed Hasan Shoaib, Director of Medical Education, facilitated the first two days of the session which were focused on principles of learning, qualities of a good teacher, small group discussion, evidence-based teaching, etc.
- Dr. Saadia Shahzad, Associate professor, Community Medicine Department has published a paper on "Comparative behavior problems among primary school children of grade-5 in public and private schools of Lahore: Teacher and Parent reporting" in Journal of Ayub Medical College.

Upcoming Faculty Development Plan

- SWOT analysis on January 10-12, 2022, by Dr. Hasan Shoaib.
- Problem-based Learning on January 14, 2022, by Dr. Hasan Shoaib.
- "Teaching Critical and clinical reasoning skills" by Dr. S Kausar Ali on January 31, 2022
- "Standard Setting" by Dr. Naveed Yousuf on February 1, 2022
- "Challenges of Leadership in ME and improving Leadership potential" by Dr. Amina Ahmad February 1, 2022
- OSPE and OSCE on February 10, 2022, by Dr. Hasan Shoaib.
- "Innovations in Teaching and Learning" in February 2022 by Dr. Hasan Shoaib.

Solve the puzzle and send the answers to the email address mentioned below.
Winners will receive an exciting prize and will be announced in the next issue.



Across

2. sound of atrio-ventricle valves opening and closing
6. carries blood from arteries to veins
10. most mammals have a _____ chambered heart
11. main vein that leads to the heart
12. common term for thrombocytes
15. valve that leads to the heart
16. chamber 1
20. right side of heart pumps _____ blood
22. common term for pulmonary
23. the study of the heart

Down

1. valve that leads to the lungs
3. valve between right atrium and right ventricle
4. blood pressure during heart dilations
5. chamber 2
7. carries blood away from the heart
8. valve between left atrium and left ventricle
9. sound of an abnormal heart beat
13. chamber 4
14. main artery that leads out of the heart
17. blood pressure during heart contractions
18. chamber 3
19. carries blood toward heart
21. sound of pulmonary and aortic valve opening and closing

**DME wishes the best of luck
to all the cohorts of the
MBBS program for their
professional exams!**



For contributions, feel free in writing to us at:
dme.newsletter@sihs.org.pk

Student research and co-curricular activities

- 4th-year students published an article titled "Knowledge and practices of Breastfeeding in working and non-working mothers" under the supervision of Dr. Saadia Shahzad, Associate Professor, Community Medicine Department in the Journal of Aziz Fatima Medical and Dental College.
- Shalamar Arts and Photography Club, SAPC organized "Art Fest" on December 1, 2021. The college was decorated with intricately made symbols and impressive backdrops based on the theme of Halloween. Later, students enjoyed Art Hunt where they looked for small tokens and aces throughout the campus to win the competition. The students also received awards for their impressive talents in the fields of Art and Photography. The event was ended with the screening of the horror movie 'Tumbbad'.
- Shalamar Dramatics Society organized the first Intercollegiate Virtual Drama Fest in which short Plays & musical plays were displayed on the LED screen. Various medical colleges from Punjab took part in it including AIMC, SIMS, KEMU, Rashid Latif Medical College, Fatima Memorial Medical College, Nishtar Medical College, QMC, and Khawaja Mohammad Safdar Medical College. It was a night worth remembering with the marvelous decor, colorful food stalls, and amazing submissions from different medical colleges. Winners of this fest were QMC in the short play category & Fatima Memorial Medical College in the musical play category. It was a well-executed endeavor by the Dramatics Society.
- IFMSA Pakistan-SMDC local council organized an interactive seminar "Breaking Barriers" at Shalamar Medical and Dental College. President IFMSA M. Ali, currently a 5th-year MBBS student at SMDC along with the members of IFMSA hosted this event. The students from AIMC and LMDC also participated in the event. The aim of the event was to engage in a healthy discussion in an attempt to tackle the nuanced issue of gender-based violence in Pakistan. The participants of the session talked about sexual harassment at the workplace and in daily lives. IFMSA aims to hold more such events in the future.
- SMDC literary society organized an extravagant event on 8th December 2021, which comprised on "بزمِ یاران" of Mushaira and Qawali segments under guidance and mentorship of Dr. Lubna Riaz Dar, Dr. Atta Ullah Niazi, Dr. Muneeb, and presidents of literary society Talha Arshad and Hajra Mubeen. It was an evening filled with a great number of audience and the best performances by students and professional artists.

Winner from the last issue

Shahzaib Zahid 1st-year MBBS
Giveaway was sent to the winner.

