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Department for Educational Development (DED)

Newsletter | Issue # 5 | September to December 2019 |

Editorial Team: Dr Rahila Ali, Dr Azam Afzal, Dr Sana Saeed, Dr Amber Sultan, Dr Lina Khan, Mr Sunder Khuwaja



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THE AGA KHAN UNIVERSITY

Message from Dr Muhammad Tariq, Interim Associate Dean, Education



2019 has been a rewarding year; excellent and diligent work by educational and department coordinators, Year Chairs and cooperation of faculty has led to banking of 882 new questions in UGME which includes 498 MCQ, 329 EMQ, 55 SAQ/ISAQ and 23 OSCE stations; 590 new questions in PGME which includes 558 MCQ and 32 SAQ/ ISAQ; 505 new MCQ from SONAM. New academic year is now underway and I look forward to the usual support from all.

Our Research day had an overwhelming response and Dean Haider has requested all presenters to share their work in the academic literature, so a reminder to all presenters to begin work on publications. A retreat for restructuring the ISC-HPE, was held and an excellent response was seen from the invited faculty. The process of redesigning the course has been initiated and soon the revamped course will be offered to the faculty.

To enhance the academic standards of Medical Education at AKU we are in dialogue with Umbrella Consortium for Assessment Network (UCAN) which is an international network with the aim to enhance quality of examinations. We are hopeful that this collaboration will further strengthen the assessments at AKU. In 2019 six of our students graduated in HPE. Our Heartiest congratulations to them. Last but not least many congratulations to our wonderful and passionate educators: Dr Qamar Riaz and Dr Sana Saeed for achieving the Outstanding Teacher awards. This honor is a witness to their hard work and dedication. Congratulation for your achievement!

Faculty in Focus

Dr Tabassum Zehra, an Assistant Professor at the DED, AKU, is the first graduate of the AKU MHPE Programme. She went on to complete her PhD in Medical Education from University Ambrosiana, Italy, building on her previous work on Clinical Supervision from needs assessment to development of a Competency-Outcome-Based Model of Effective Clinical Supervision, the first in the region. Prior to working at AKU, she worked as Deputy Dean Medical Education at the College of Physicians and Surgeons Pakistan, where she developed the standard protocol for proposal submission for approval of all new courses. At AKU she took many new initiatives and restructured the Year 5 clerkship assessments. Currently, Dr Zehra holds the positions of Programme Director MHPE, Chair Faculty Development Workshop Series and Director Residents as Educators Programme. She is actively involved in teaching within and outside AKU. She has also conducted workshops at International Conferences, including the Association for Medical Education in Europe (AMEE) conference in 2016. Her pre conference workshop on 'Competency Based Clinical Supervision' has been accepted in AMEE 2020 at

Glasgow. She is the Chair of Academic Council Pakistan of Medics International. Dr Zehra is a reviewer of national and editor in international journals. Her areas of interest include Clinical Supervision, Leadership, Competency Based Medical Education, Learner Feedback, Faculty Development.



Continuous Faculty Development Programme in Health Professions Education

Leadership I: Strategic Planning | October 23, 2019:

The workshop was facilitated by Drs Rukhsana W Zuberi, Tabassum Zehra and Naveed Yousuf and attended by 20 participants.



EPA: Rethinking Competency-based Curricula

November 20, 2019: The workshop was facilitated by Drs Qamar Riaz, Azam Afzal and Sana Saeed and attended by 17 participants.



Cut the learning curve: principles, strategies & solutions to optimize learning | December 18, 2019: The workshop was facilitated by Drs Azam Afzal and Rahila Ali and attended by 08 participants.



3rd Educational Research Day

December 20, 2019: Dr Adil Haider, Dean Medical College, AKU was invited as a chief guest, and 15 oral presentations and 35 posters were presented at the event. Total no of participants were 87 from AKU and 16 other medical and nursing universities.

3 Best Oral Prostrations

1st Ali Bijani from AKU-EB, 2nd Dr Qamar Riaz from Department of Surgery & DED, 3rd Dr Shazia Babar from Department of Obstetric and Gynaecology & DED, AKU

3 Best Poster Presentations

1st Dr Saima Salman from Indus Hospital, Karachi, 2nd Dr Karishma Kanhya from Department of Psychiatry, AKU, 3rd Dr Muhammad Suleman Sadiq from Liaquat National Hospital, Karachi



Restructuring of Introductory Short Course in HPE

ISC-HPE is a 5 day course offered by DED. It introduces the faculty to different instructional and assessment strategies, and the educational philosophies underpinning Health Professions Education. This course is mandatory for all faculty members joining AKU and is also a pre-requisite for the MHPE Programme. This course was first offered in 2005 and has been running since then thrice a year. In January 2020, the 45th course was offered. Although it has evolved considerably during last decade, a need was identified for a review of the course with the aim of:

- Ensuring relevance to AKU and national needs
- Adopting innovative teaching learning trends & technologies
- Enhancing feasibility for faculty

To ensure engagement of wider stakeholders in the revision of ISC, a retreat was held on October 11, 2019. This retreat was attended by 35 faculty members from different departments. Dean Haider, appreciated the initiative in his opening address. Following this retreat a committee was constituted which is currently working on restructuring ISC in view of the recommendations that resulted from this retreat.



Master of Health Professions Education (MHPE)

Thesis Defense: Four students of the MHPE programme successfully defended their theses.

October 08, 2019:

- Dr Sana Saeed, Assistant Professor, Department of Paediatrics & DED, AKU
- Dr Mehnaz Umair, Senior Lecturer, Department of Health Professions Education, Liaquat National Hospital and Medical College, Karachi

December 13, 2019:

- Dr Nida Najmi, Assistant Professor, Department of Obstetrics & Gynaecology, AKU

December 31, 2019:

- Dr Muhammad Adnan Kanpurwala, Professor, Department of Physiology, Karachi Institute of Medical Science, Karachi

MHPE Graduates

November 30, 2019:

- Dr Sana Saeed, Assistant Professor, AKU
- Dr Fatima Zehra, Senior Lecturer, Bahria University Medical & Dental College, Karachi
- Dr Marium Iqbal, Professor, Jinnah Medical & Dental College, Karachi
- Dr Mehnaz Umair, Senior Lecturer, Liaquat National Hospital and Medical College, Karachi

Advanced Diploma in HPE

- Dr Syed Muhammad Baqir, Associate Professor, AKU
- Lt Col Helen Mary Robert, Combined Military Hospital, Rawalpindi



Examination Cell-DED

August to December, 2019: The Examination Cell conducted Monthly Question Reviews for UGME, PGME and SONAM programmes at AKU. Total pre hoc reviews: 44 and post hoc reviews: 42.

Education Grand Rounds

October 16, 2019: Dr Naveed Yousuf, Associate Director, AKU-EB and Assistant Professor, DED presented on *"Standard Setting: The Art and Science of Deciding a Defensible and Credible Cut-off Score"*, which was followed by an expert panel discussion and Q&A session. Panelists for the session were Drs Naveed Yousuf and Shazia Babar.





Faculty & Staff Highlights

Our faculty and staff has actively participated in activities both nationally and internationally:

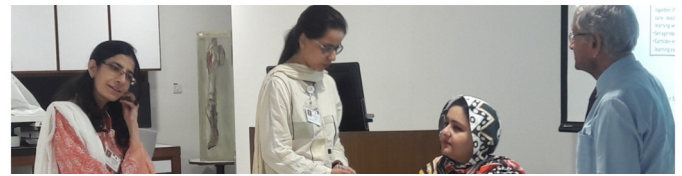
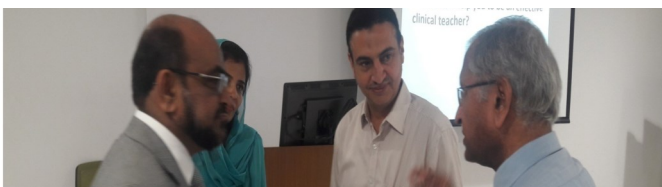
- **August 24-28, 2019:** Dr Rukhsana W Zuberi attended the Association for Medical Education in Europe (AMEE) conference at Austria Center Vienna, Austria.
- **September 17, 2019:** Drs Muhammad Tariq, Azam Afzal, Sana Saeed and Sara Shakil conducted a workshop on *"Learning in the Clinical Setting: Workplace Clinical Teaching Models"* for 09 faculty members from Department of Medicine.



- **September 24, 2019:** Drs Amber Sultan and Rahila Ali conducted a workshop on *"Engaging Millennial Students Through Flipped Classroom"* for 10 participants in collaboration with Drs Kulsoom Ghias and Sadia Fatima, Department of Biological and Biomedical Sciences, AKU.



- **October 12, 2019:** Karim Rehmani, Sunder Khuwaja, Ali Karim Anwar, Moiz Galmani, Anil Khawaja, Malika Lalwani and Saba Salman invigilated in PGME Annual Examination for Residency Programme, AKU conducted at Karachi and Hyderabad Centres.
- **October 14, 2019:** Drs Muhammad Tariq, Azam Afzal, Sana Saeed and Sara Shakil conducted a workshop on *"Learning in the Clinical Setting: Workplace Clinical Teaching Models"* for 07 faculty members from Department of Medicine.



- **October 19-22, 2019:** Dr Muhammad Tariq delivered the Keynote address on *"International Standard on Assessment of Students: Where Do We Stand"*, Drs Naveed Yousuf and Shazia Babar conducted Pre Conference workshop on *"Standard Settings of OSCE"* and Dr Rahila Ali had an oral presentation on *"Evaluating the effectiveness of MCQ Development using cognitive model framework workshop"* at the International Conference on Medical Education, Islamabad.



- **November 08-12, 2019:** Dr Rukhsana W Zuberi hosted a table talk on *"Teaching and Assessment of Professionalism Made Easy – the What and the How!"* at Learn Serve Lead 2019: The AAMC Annual Meeting, Phoenix, Arizona, USA.
- **December 04-06, 2019:** Drs Muhammad Tariq and Rukhsana W Zuberi was invited as National Speakers to talk on *"How 'patient care training' can lead to student centered learning approaches?"* and on *"Medical Education The New Frontiers"*. Dr Zuberi also conducted a workshop on *"Clinical Supervision on the Run"*, chaired the session on *"Redefining the Role of DME"* and was an invited panelist at *"3rd International Conference on Health Professions Education"*, University of Lahore, Lahore.



- **December 10-12, 2019:** Dr Muhammad Tariq was invited to attend the “*Global Symposium on Health Workforce Accreditation and Regulation*” at Istanbul, Turkey.
- **December 26, 2019:** Dr Rukhsana W Zuberi was invited speaker in the session on “*Medical Education: Simulation Based Education from Theory to Practice*” in the International Medical Education Conference at Pear Continental Hotel, Karachi.

Upcoming DED Events

Courses in HPE

- **January 06-April 24, 2020:** Additional Required Course on Quantitative Research Methodologies in HPE
- **April 13-17, 2020:** Introductory Short Course in Health Professions Education

Faculty Development Workshops

- **March 2020:** Effective and Timely Feedback: Essential but often Missing
- **April 2020:** Constructing Effective One Best MCQ
- **June 2020:** Learning in the Clinical Setting: Workplace Clinical Teaching Models

Publications

Ullah, R., Adnan, S., & Afzal, A. S. (2019). Top-Cited Articles from Dental Education Journals, 2009 to 2018: A Bibliometric Analysis. *Journal of dental education, JDE-019.*

Upcoming International Medical Education Conferences

- **February 29 - March 04, 2020:** Ottawa Conference on Assessment of health professionals and evaluation of programs; Best practice and future development, Kuala Lumpur, Malaysia

Upcoming National Medical Education Conferences

- **March 26-28, 2020:** Association for Excellence in Medical Education (AEME) Conference 2020 at Lahore

Awards & Recognitions

November 29, 2019: Dr Sana Saeed was awarded Outstanding Teacher Awards in recognition of Outstanding Contribution and Academics Pursuits in Educational Innovation & Clinical Teaching and Dr Qamar Riaz was awarded Outstanding Teacher Awards in recognition of Outstanding Contribution and Academics Pursuits in Educational Innovation at the AKU Awards Night.



Curiosity Advocacy Inquiry Molecule for Debriefing

By Dr Sana Saeed

Debriefing is the crucial component of learning through simulation. It makes your learner reflect on their practice and thus develop strategies to improve their performance in similar situations in the future. It is very important for the debriefer to ensure psychological safety through this process. Though the critical judgment of the expert is essential for learning through simulation, often it doesn't facilitate in reach the desired outcomes. The Advocacy Inquiry Model of Debriefing facilitates debriefing through good judgment. It helps you in identifying the learner's frame (assumptions, prior experience etc.). These frames leads to the actions which they take during the simulation exercises.

Steps:

- **Reaction:** Begin your discussion by identifying the learner's feeling (e.g. "Sara how are you feeling right now?")
- **Body:** There are three components embedded in the main body of this model;
 1. **Advocacy:** Quote your perspective (what you know or have seen or observe) here (e.g. Sara I saw you did not introduce yourself to the family. I believe connecting with the family helps in better communication during patient management)
 2. **Curiosity and Inquiry:** Show your curiosity to hear your learner's frame behind any actions you want to make an inquiry about. (E.g. I am curious to know how you see this.)
 3. **Summary:** Wrap up the session by asking your learners about major take home messages which will help them to enhance their performance in future.

Reference:

Rudolph, J. W., Simon, R., Dufresne, R. L., & Raemer, D. B. (2006). There's no such thing as "nonjudgmental" debriefing: a theory and method for debriefing with good judgment. *Simulation in Healthcare, 1(1), 49-55.*

