

## **Dr Muhammad Atif Mazhar**

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### **EDUCATION:**

- MBBS 1990 Sindh Medical College, Karachi
- FCPS 1 1995 College of Physicians and Surgeons Pakistan
- FTBL (Fellowship in team-based learning) Duke-NUS Singapore
- MHPE 2021 Jinnah Sindh Medical University, Pakistan

### **PROFESSIONAL PROFILE**

- In charge and facilitator for dissection and prosections and Peer-assisted uniform learning (PAUL) program at Alfaisal University from Sept 2011 to date.
- Member of Lab committee for NCAAA.
- Coordinator and facilitator for human anatomy structure labs at Alfaisal University from 2011 to date.
- Facilitator and member of TWIP (Team LEAD works in progress) committee of Team Based learning at Alfaisal University.
- Prosected human cadavers for Anatomy Facilitations at Aga Khan University in 2010
- Supervised and Facilitated Summer School at Aga Khan University in 2010
- Conducted Anatomy Dissection elective at Aga Khan University in 2009
- Prepared Anatomy Museum of Liaquat National Medical College in 2008
- Prepared Anatomy Museum of Fatima Jinnah Dental College in 1997
- Prepared Anatomy Museum of Baqai Medical University in 1992-1995
- Prepared Anatomy Museum of Sindh Medical College in 1985

### **EXPERIENCE**

- Senior lecturer in department of anatomy Alfaisal University from Sept 2011 to date
- Senior lecturer Human anatomy Aga Khan University from 2009 -2011

- Senior Registrar Urology | Baqai Institute of Nephrourology, Karachi 2004 –2011
- Urologist | Jeddah National Hospital, Jeddah, Kingdom Of Saudi Arabia 2000 –2004.
- Registrar Urology | Baqai Institute of Nephrourology 1996-2000
- Senior Lecturer (Anatomy) | Baqai Medical University 1991 – 1995
- House Job (Surgery/Medicine) | Jinnah Post Graduate Medical Centre 1991

## **WORKSHOPS AND PRESENTATIONS**

- **CODE awarded in Aug 2021**
- **Conducted online workshop on Introduction to TBL to MHPE students of JSMU on Feb 16, 2021**
- **Professional Certificate in HRM 624 Conflict Management, (3 credit hrs) Spring 2020 by VU Pakistan**
- **Professional Certificate in HRM 623 Leadership and Team Management, Spring 2020 by VU Pakistan**
- **Professional Certificate in EDU 106- Critical Thinking and Reflective Practice, Spring 2020 by VU Pakistan**
- **Professional Certificate in EDU 304, Introduction to Guidance and Counselling. Spring 2020 by VU Pakistan**
- **AMEE Specialist Certificate in Medical Education, awarded on 30<sup>th</sup> June 2020**
- **Completed Essential skills in medical education assessment (ESMEA) in 2020**
- **Completed Research essential skills in medical education (RESME) in 2019**
- **Completed ESME skills in Action (ESME SIA) in 2019**
- **Completed Essentials skills in Medical education (ESME) 2019**
- **Certificate of completion in recognition of successful completion of the TBLC Fundamentals Track Workshops by Team-Based Learning™ Collaborative TBLC**
- **Supervised research posters of year 1 medical students for Research Day 2020**
  - **Smart phone addiction and musculoskeletal discomfort in Al-faisal medical students**
- **Presented poster at ASME 2019 on: The potential effect of social media on Saudi Arabian medical students' concentration levels**

- Supervised research posters of year 1 medical students for 7 March Research Day 2019
  - Attitude towards Selfie taking and its relation to Narcissism in Alfaisal Medical students.
  - Correlation between academic stress and empathy decline in Pre-clinical Alfaisal medical students. **2nd Prize winner**
  - The potential effect of social media on Alfaisal medical students' concentration levels. **2nd Prize winner**
  - Factors influencing students to take up medicine as a career
  - To what extent does the act of tutoring improve the academic performance of tutoring others in term of problem solving ability, orientation, time management and overall confidence.
  - Design and effectiveness of elective courses incorporated in undergraduate medical education curriculum in Alfaisal university: A call to improve **3rd Prize winner**
- Conducted TBL workshop at SIMEC 2018 on 9<sup>th</sup> April 2018
- Supervised 3 research posters of year 1 medical students for Research Day 2018
  - A case report: Pelvic kidney
  - Effectiveness of GIT MOCK OSPE
  - Effects of speed reading on comprehension: **3rd Prize winner**
- Conducted a lecture to final year MBBS students on.....on July 5<sup>th</sup> 2018 at Professor Akhlaque-un-Nabi khan auditorium JSMU
- Participated in 5-day workshop of FTBL series 2 held from 18-22 April 2016 at Duke-NUS graduate medical School Singapore.
- "Living anatomy; students' perception of ultrasound introduction in cardiac block" as a "Poster" Presentation at Research Day 2016.
- Annual research day student poster competition held on April, 2016 at Alfaisal University.
- Attended Saudi International Medical Education Conference (SIMEC) 2016 titled Enhancing Clinical Teaching: A Medical Curriculum of the Future; Adaptive, Personalized, Research-Based, and Integrated Curriculum April 8 to April 12 2016 at Alfaisal University
- Attended 2nd SingHealth Duke-NUS education conference held on 25<sup>th</sup>, 26<sup>th</sup> Sept 2015 at Academia, Singapore.
- Participated in a workshop titled "GETTING STUDENT BUY-IN AND ENGAGEMENT WITH TEAM-BASED LEARNING CLASSES" on 23<sup>rd</sup> Sept 2015 at Academia, Singapore.
- Participated in a workshop titled "CREATING EFFECTIVE APPLICATION

EXERCISES FOR TEAM-BASED LEARNING” held on 23rd Sept at Academia, Singapore.

- Attended 32nd Annual Meeting of the American Association of Clinical Anatomists in Las Vegas, Nevada at the Green Valley Ranch Resort Casino & Spa: June 9 – 12, 2015.
- Participated in 5-day workshop of FTBL series 1 held from 13-17 April 2015 at Duke-NUS graduate medical School Singapore.
- Attended a seminar research series on 19th March 2015 at Agha Khan University on Patterns of evolution and ascent of man.
- Participated in The Assessment-Evaluation hand-on workshop part 2 focusing on OSCE and OSPE, held on 7th March 2015 at Alfaisal University.
- Participated in The Assessment-Evaluation hand-on workshop part 1 focusing on the Principles of Assessment and writing multiple choice questions on 14th February 2015 at Alfaisal University.
- The annual research day student poster competition was held on April 9, 2015 at Alfaisal University.
- Participant in one day PBL workshop held at Alfaisal university on 8 Nov 2014
- Participant in “International Summer Institute of Scientific Teaching and Educational Leadership for Bioscience Researchers “August 5-9, 2014, University of Manitoba, Winnipeg, Canada
- Oral presentation at 55<sup>th</sup> Annual world congress, ICA 2013, Yale University, USA, titled as IDENTIFYING RARE HUMAN ANOMALIES THROUGH STUDENTS DIRECTED DISSECTION AT ALFAISAL UNIVERSITY
- Attended workshop on Thiel Embalming technique at University of Dundee, Scotland. 12-18 Aug 2013
- Facilitator of instructional course of MALE INFERTILITY in PAUS Annual meeting in April 2011
- Poster presentation on Use of Flexible Cystoscopy in the management of difficult catheterization in PAUS Annual meeting 2010
- Facilitator of instructional course of MALE INFERTILITY in PAUS Annual meeting 2010
- Overactive bladder treatment prospective presented in NEXUS meeting June 2008 at Sapporo JAPAN
- Pattern of male infertility at Baqai Institute of Reproduction And Developmental Sciences since 2005 presented in PAUS Karachi chapter meeting
- Introduction to computer and internet 16-20 April 2007 at College of Physicians and Surgeons
- Research methodology, Biostatics and dissertation writing 14-17 July 2003 at College of Physicians and Surgeons
- Primary Surgical skills 12-13 July 2003 at Baqai Medical University
- Problem Based Learning in health sciences 11-13 Feb 1995 at Baqai Medical University
- Improving Lecturing Skills in Nov 1994 at Baqai Medical University

- MCQ writing from 16-18 Oct 1994 at Baqai Medical University
- Workshop in Educational Planning and Evaluation in 17-20 Jan 1994 at Baqai Medical University

## PUBLICATIONS

- Qazi S, **Mazhar MA**, Shaikh AA, Rasool AJ, Atif K, Obeidat A. Fostering TBL Success at Alfaisal University: A Complex Adaptive Systems Approach. *Adv Med Educ Pract.* 2024;15:935-944  
<https://doi.org/10.2147/AMEP.S477502>
- **Mazhar MA**, Qazi S, Obeidat A, Al-Kattan K (2024) Addressing Gender Imbalance and Fostering Interest in Urology: Integrating Simulations and AI in a Saudi Arabian Medical School. *J Urol Ren Dis* 09: 1367. <https://doi.org/10.29011/2575-7903.001367>.
- **Mazhar, M.A.**, Qazi, S. and Sarwat, S. (2024), The future of anatomy education: Simulation-based and AI-based learning. *J Clin Nurs.* <https://doi.org/10.1111/jocn.17074>
- Vascular Abnormalities in a Pelvic Ectopic Kidney: How a Dissection-Based Program Improves the Knowledge of Clinical Anatomy. A Dawalibi, **MA Mazhar**, S Qazi, P Ganguly, A Behiery - *International Journal of Angiology*, 2022
- Yaqinuddin A, Ikram MF, Zafar M, Eldin NS, **Mazhar MA**, Qazi S, Shaikh AA, Obeidat A, Al-Kattan K, Ganguly P The Integrated Clinical Anatomy Program at Alfaisal University: an innovative model of teaching clinically applied functional anatomy in a hybrid curriculum; *Adv Physiol Educ* 40: 56–63, 2016; doi:10.1152/advan.00153.2015.
- **Mazhar MA**, Qazi S, Kherallah S, AlDalati A, AlTinawi B, Azouz H, et al. Identifying Rare Human Anomalies Through Students Directed Dissection at Alfaisal University: Case Report. *Austin J Anat.* 2014;1(4): 3.
- Qazi S, **Mazhar A**, Sarwat S. Histomorphological patterns of testicular biopsies in azoospermic infertile males from a tertiary care unit of Pakistan. *Med.Forum.* April 2013; 24(4):26-30
- Kemhali S, Shaikh AA, Fatima T, **Mazhar MA**, Qazi S, Ganguly P, Chapter – 14. “What is the Best Assessment System in Anatomy?” *Education in Anatomical Sciences*, NOVA Publisher, ISBN 978-1-62618-488-6.
- **Thesis**  
FCPS Thesis: Comparison of TUR-P versus EVAPS.

## AWARDS

- Received **“Chairman’s Pick” award in 2015 by Anatomy department.**
- Received grant IRG2015 (cycle 1) application entitled “The role played by the mammalian sperm factor in human male sub-fertility” as co-investigator from Alfaisal university.
- Received grant IRG2014 application entitled “DNA Methylation Status of Testis Specific Genes in Azoospermia” code 319170101141 as co-investigator from Alfaisal university.
- Received Grant from European School of Sexual Medicine to participate in 5th Oxford summer course, Milan winter course & to attend congress of ESSM