



Dr. Muhammad Zafar  
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### **Education:**

- Ph.D. (ANATOMY) 2002-03 Baqai Medical University, Karachi.
- M. Phil. (ANATOMY) 1994 Basic Medical Sciences Institute,(BMSI) Jinnah Post Graduate Medical Centre, (JPMC), Karachi, Pakistan.
- M.B; B.S. 1989 Liaquat Medical College, Jamshoro, Hyderabad, Sindh, Pakistan.

### **Appointments/position Held**

- **Associate Professor of Anatomy/Skill Lab:** Department of Anatomy, College of Medicine, Al-Faisal University Riyadh from September 10-2011 till present
- **Professor of Anatomy & Histology** in the Department of Basic Medical Sciences, Faculty of Medicine, King Fahad Medical City, K.S.A., from June 26, 2007 to July 12, 2011
- **Director** of Clinical Skills Center, Faculty of Medicine, King Fahad Medical City, Riyadh, K.S.A., from 04-10-2008 to July 12, 2011
- **Associate Professor of Anatomy & Histology, Department of Anatomy,** College of Medicine, Qasim University, K.S.A., from September 2003 to June 2007
- **Vice Principal,** Baqai Medical College, Karachi from 14/03/2002 to August 2003
- **Professor & Head,** Department of Anatomy, Baqai Medical College, Karachi from 01/03/2002 to August 2003
- **Vice Dean,** Postgraduate Medical Institute (P.G.M.I.), Baqai Medical University, Karachi from 14/04/2001 to August 2003
- **Associate Professor,** Department of Anatomy, Baqai Medical College, Karachi from 01/04/1999 to 28/02/2002

- **Assistant Professor**, Department of Anatomy, Baqai Medical College, Karachi from January 1995 to 31/03/1999

### **Distinctions & Honors:**

- “**TEACHER OF THE YEAR AWARD**”; 2009 - 2010. At Faculty of Medicine, King Fahad Medical City, Riyadh.
- “**BEST TEACHER EVALUATION**” : Department of Continuing Medical Education (CME), College of Physicians & Surgeon, Pakistan (CPSP) 1998-2003
- Position holder in M. Phil. examination

### **Publications:**

1. **Zafar, M.**, Mughal, I.A.
  - Distribution of cell types of islets of Langerhans in the pancreas of albino rats. The Professional vol.09(01):71-77, **2002**
2. Kaimkhani, Z. A., **Zafar, M.**, Khan, M. M., Al-Fayz, M.
  - Absence of Musculocutaneous Nerve and Distribution of Median Nerve to Muscles of the Anterior Compartment of the arm. P.M.J. **2006**-vol-No.2:121-122
3. **Zafar, M.**, Naqvi, N. H., Ahmed, M., Kaimkhani, Z. A.
  - Altered Liver Morphology and Enzymes in Streptozotocin Induced Diabetic Rats. Int. J. Morphol., 27(3): 719-25, **2009**
4. **Zafar, M.**, Naqvi, N. H., Ahmed, M., Kaimkhani, Z. A.
  - Altered Kidney Morphology and Enzymes in Streptozotocin Induced Diabetic Rats. Int. J. Morphol., 27(3): 783-90, **2009**
5. Shaikh, M. A., Naqvi, S. N. H, **Chaudhry, M. Z.**
  - Effect of neem oil on the structure and functions of the mature male albino rat testes. Braz. J. Morpholol. Sci., vol.26, no. 1, p.49-54, **2009**
6. Kaimkhani, Z. A., Ahmed, M., Al-Fayz, M., **Zafar, M.**, Javaid, A.
  - Does the existing Traditional Undergraduate Anatomy Curriculum Satisfy The Senior Medical Students? A retrospective Evaluation. Einstein.**2009**; 7(3 Pt 1):341-6
7. **Zafar, M.**, N. H. Naqvi
  - Effect of STZ-Induced diabetes on the relative weights of kidney, liver and pancreas of albino rats. A comparative study. Int. J. Morphol., 28(1): 135-142, **2010**
8. **Zafar, M.**, N. H. Naqvi
  - Alterations in the levels of alkaline phosphatase, pseudocholinesterase, AST and ALT in diabetic rats.(Paper submitted for publication)

9. **Zafar, M.**
  - Evaluation of Implementation of Problem Based Learning (PBL) at Faculty of Medicine, KFMC, RIYADH (**Paper presented at IMEC 2010, Kuala Lumpur, Malaysia and submitted to for publication**)
10. Al-Fayez, M. A., Kaimkhani, Z. A., **Zafar, M.**, Darwish, H., Aldahmash, A., Al-Ahaideb, A.A.
  - Multiple Arterial Variations in the Right Upper Limb of a Caucasian Male Cadaver. *Int. J. Morphol.*, 28(3): 659-65, **2010**
11. Yaqinuddin A., **Zafar M.**, Ikram M F., Ganguly P.
  - **What is an Objective Structured Practical Examination (OSPE) in Anatomy?** *Anat Sci Edu* 6:125-133 (**March/April 2013**)
12. **Zafar M.**, Yaqinuddin A., Ikram F. and Ganguly P. **2013**. Practical Examinations-OSPE, OSCE and Spot. In: Ganguly, P. K. *Education in Anatomical Sciences*, Nova Publishers, New York, USA. (M)

#### **Oral Presentations and Published Abstracts:**

1. 32<sup>nd</sup> Annual Medical Symposium of J.P.M.C. (1994)
2. 1<sup>st</sup> Annual Symposium of Baqai Medical University ( 1998)
3. **Zafar, M.**  
Evaluation of Implementation of Problem Based Learning (PBL) at Faculty of Medicine, KFMC, RIYADH at IMEC 2010, Kuala Lumpur, Malaysia
4. **Zafar, M.**  
Innovation in Teaching and Learning Clinical Skills at Faculty of Medicine, FOM, KFMC, RIYADH at the 6<sup>th</sup> Congress of the Asian Medical Association (AMEA), held on 23-26<sup>th</sup> March 2011 at Kuala Lumpur, Malaysia)
5. **Zafar, M.**  
Clinical Skills Center at Faculty of Medicine, KFMC, RIYADH at the 6<sup>th</sup> Congress of the Asian Medical Association (AMEA), held on 23-26<sup>th</sup> March 2011 at Kuala Lumpur, Malaysia)
6. **Zafar, M.**  
“Perception of dissection among Saudi medical students” at “Holistic approach in Medical and Health Sciences Education” conference held on December 2-3, 2011 at the Li Ka Shing Faculty of Medicine, the University of Hong Kong
7. “How to Establish a Simulation Center”, Guest speaker at Ist state of Art Pediatric International Conference (SAPIC), Held on December 01-05, 2012 at King Fahad Cultural Center, Riyadh, Saudi Arabia.
8. Ahmed,S., Al Sennani,F., Ahmed, M., **Zafar,M.**, Alabdaly, AH.  
“Medical teacher’s attitudes towards simulation-based medical education in Riyadh, Saudi Arabia: opportunities and Challenges” at the 11<sup>th</sup> Asia Pacific Medical

**Booklets Published;**

1. Physiology of Cardiovascular system for undergraduate students. **Published in 1984**
2. Histology- Lecture notes and Review; **Published in 2000**
3. **Histology by medical students (An Alfaisal university project-in process)**

**Research Interest:**

Curriculum Development  
Innovation in Teaching  
Medical Simulation