

Shamsul Arfin Qasmi, MBBS, M. Phil, Diploma Hematology, PhD, IFBA Certified Professional, RBP
ABSA USA.

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EXPERIENCE:

Professor Dept of Pathology/Microbiology **September 2019- to date**
Fazaia Ruth Pfau Medical College
Faisal base, Shahra-e Faisal Karachi

- Consultant Microbiologist PAF Hospital Diagnostic Center
- Biosafety advisor/Instructor for Biosafety & Biosecurity
- **HEC Approved Supervisor for M.Phil. & PhD programs**
- **FCPS Supervisor**
- Member Infection control committee
- Member committee for development of SOPs
- Post graduate and graduate teaching

Professor- Department of Pathology/Microbiology **November 2016 to August 2019**
Karachi Institute of Medical Sciences
CMH Malir, Malir Cantt. Karachi.
Affiliated with NUMS Islamabad

- Consultant Pathologist CMH Malir Laboratory
- Director QEC
- Deputy Director Dept of Research
- **HEC Approved Supervisor for M.Phil. & PhD programs**
- Biorisk Management advisor
- Focal person Public Relation and Media for NUMS
- Founding faculty for Mentorship Program
- Statistic Editor JKIMS Pakistan
- Coordinator/Focal person for official correspondence with NUMS
- Interactive Teaching Pathology/Microbiology/Biosafety to undergrads and Grads, Problem Based Learning

Chairman -Department of Pathology/Microbiology **October 2015-Nov 2016**
Professor/Consultant Pathologist

Baqai Medical University, Karachi. Pakistan

- Interactive teaching Microbiology/Pathology to students of 3rd & 4th year MBBS, and 2nd year BDS
- Organization of Practical and Clinical Laboratory
- Developed MSDS for the Microbiology Laboratory
- Updated the inventory list of chemicals and reagents
- Maintenance program for Laboratory equipment with Biomedical Engineering Department

- Developed Biosafety training program for laboratory Technicians and Technologists
- Started official documentation for affiliation of post graduate students at Baqai Medical University with CPSP
- Developed SOPs for all the practical's and departmental work
- Introduced Medical Research programs for Undergraduates

Professor -Department of Pathology/Microbiology

December 2014 - October 2015

MBBS Medical College, Mirpur. AJK. Pakistan

- Setting up of Molecular Laboratory including paper work on ISO 9001-2008
- Developed Biosafety training program for laboratory technicians, under graduates and graduates
- Prepared SOPs and drilled in the Department for ISO certification
- Teaching Microbiology and Biosafety to students of 2nd professional MBBS
- Coordinator for CMEs and CPCs at MBBS Medical College and DHQ Hospital
- Introduced Journals club for faculty members
- Re-organized TB laboratory at DHQ Hospital as BSL 3 from BSL 2
- Responsible for orders and setup of equipment and supplies for the Practical/Research Laboratory

HOD & Professor (Department of Pathology)

November 2013 - October 2014

Consultant Pathologist Clinical Laboratory

Mohammad Bin Qasim Medical & Dental College. (Madina Medical Center) Karachi

- Teaching General Pathology and Biosafety to 2nd year BDS and Laboratory Technologists and Technicians
- Started Research Program at college involving faculty of life sciences
- Upgraded the hospital laboratory from routine laboratory to special Laboratory
- Designed and gave training to laboratory technicians with reference to ELISA
- Developed SOPs for operational procedures for working inside the BSC
- Experience with routine procedures in Research and Biomedical laboratory
- Started scenario based learning in the college for 2nd professional students
- Developed Biosafety training program for laboratory technicians
- Developed database for the patients coming with HBV and HCV infections
- Designed protocol for recording the incidence of nosocomial infections

Professor (Department of Pathology)

October 2012 - October 2013

Director Med Path Laboratory & Diagnostic Center

Sir Syed College of Medical Sciences for Girls/ Med Path Laboratory (BSL 2)

- Teaching Undergraduates Microbiology, Special Pathology and Biosafety
- Also worked as Director Administration of Basic Sciences
- Established ISO certification of Laboratory ISO 9001-2008
- Introduced CWA 15793 to the Post graduate students and its implementation
- Performed analysis of Clinical Laboratories in Karachi with reference to Biorisk Management
- Developed methods for invitro diagnosis of Typhoid fever using ELISA, PCR Dot ELISA, PAGE and PFGE
- Worked on molecular techniques to isolate novel proteins for development of diagnostic test for Typhoid Fever
- Played an instrumental role in developing database of Diabetic patients and assessing their morbidity/mortality with relation to different blood groups

Associate Professor (Pathology)

Director Med Path Laboratory & Diagnostic Center April 2006-September 2012
Bhittai Dental & Medical College/ Jinnah University for Women

- Developed Dept. of Pathology to accommodate 50 students of Dental College and Medical college
- Introduced Biorisk management in different clinical laboratories
- Established Department of Pathology at Bhittai Medical and Dental College
- Set up Hematology section and introduced automation in the Dept. of Pathology
- Introduced ELISA and trained laboratory staff on working at BSL 2 and Biosafety Cabinet
- Introduced laboratory software for routine and special laboratory tests and developing of database simultaneously
- Introduced and implemented Biosafety module for Post Graduate MSc students of Jinnah University for Women
- Participated in Developing Biosafety curriculum for Jinnah University for Women

Assistant Professor/

April 2000 - March 2006

Consultant Pathologist

Liaquat College of Medicine and Dentistry
Darul Sehat Hospital, Karachi.

- Worked as HOD and streamlined the Department of Dental & Medical College
- Experienced with introduction of Biorisk Management in different Clinical laboratories
- Set up Hematology section and introduced automation in this section
- Introduced ELISA and trained laboratory staff on working at BSL 2 and Biosafety Cabinet
- Introduced laboratory software for routine and special laboratory tests and developing of database simultaneously
- Developed in vitro and in vivo study for the pathogenesis of H. Pylori in IDRL Research laboratory

DGM/ Senior Pathologist/Medical Officer

April 1984 to March 2000

Karachi Electric Supply Corporation, Clinical Laboratory, Elander Road Medical Centre. Karachi.

Worked sixteen years at various positions as Medical Officer Industrial Health Unit and after post-graduation as Consultant Pathologist at KESC Medical Center, developing different programs for the health and safety of employees of KESC Ltd an autonomous body before privatization as K-Electric.

- Re-organization of Pathology laboratory at Elander road Medical Center after taking charge as Pathologist
- Introduced new chemistry tests, serology indicators, established Microbiology section and automation
- in the Hematology section(Coulter Hematology Analyzer)
- Performed regular QC/QA of the laboratory parameters by internal and external controls
- Introduced vacutainer system in the phlebotomy section
- Performed different chemistry assays on Micro lab 200/300 chemistry analyzer
- As research scholar worked with ELISA, PCR and other molecular techniques immunoblotting and immunostaining of *Salmonella typhi* and *Paratyphi* proteins
- Collection of biopsy samples from endoscopic examination and culturing them for H. Pylori organism

- Worked on pathogenesis of Helicobacter Pylori on different cell lines to establish its pathogenicity
- Database development with reference to patients coming in with fever
- Played an instrumental role in establishing and streamlining the Hygiene card system.
- Performed physical examination of new entrants in the organization based on different categories
- Worked diligently to perform superannuation of age for employees reaching 55 years of age
- Supervised the industrial accidents and maintaining their incidence in the corporation
- Worked as coordinator & developed Health Safety and Environment in the Medical Center and IHU

Post Graduate Student/Internship

April 1982 to October 1984

Jinnah Post Graduate Medical Centre,

SRS KMC Hospital, K.V. Site Hospital, Karachi, PK

- Worked as Internee in the department of Internal medicine, General Surgery and Orthopedics as per requirement of PMDC
- Performed general duty as house officer and as front man dealing with emergencies and routine surgeries coming in the casualty and OPD
- Learned BLS and other techniques to attend any medical and surgical and orthopedic emergency
- Developed different protocols for night duty and to handle different emergencies and fractures conservatively

CERTIFICATION:

- **IFBA certified Professional “Biocontainment Facility Design, Operations & Maintenance” 2017**
- **IFBA Certified Professional “Biosecurity” 2017**
- **IFBA Certified Professional “Selection, Installation and safe use of Biosafety Cabinets” 2017**
- **52 weeks of Biosafety** American Society of Microbiology (ASM) 2016-2017
- **IFBA Certified Professional** Biological Waste Management 2017
- **IFBA Certified Professional** Biorisk Management 2016
- **Applied dual use of Biosecurity** course PE 5202D (2012) University of Bradford UK
- Master training in Biorisk Management and Teaching Modalities, Albuquerque NM. USA
- Registered Laboratory Biosafety Professional. RBP (USA)(2015-2019)
- Workshop on “Integrated, Modular, Contextual Curriculum Workshop on “Designing Effective Workshops”. Islamabad
- Laboratory Acquired Infection” updates and lessons learned. Certificate EBSA Belgium
- CEN Workshop WS 55 “Guidance Document for CWA 15793:2008 on Laboratory Biorisk management. Belgium
- Certified Course in Statistics and Mathematics from Institute of Business Administration (IBA) Karachi, Pakistan,
- Certificate Course in Cardiology at National Institute of Cardiovascular Diseases, Karachi, Pakistan.
- Certificate Course in Immunology held at HEJ Institute of Chemistry and IIDRL Department of Microbiology, University of Karachi

- certificate course on Immunology, Immunodiagnosis and Flow Cytometry, held at HEJ Research Institute of Chemistry, University of Karachi
- Immunology and cell culture methods for Viral Infections University of Karachi, Pakistan.

Leadership Qualities

- Immediate past General Secretary of Pakistan Biological Safety Association
- Member International Engagement Committee ABSA
- Member EXCO A-PBA Singapore
- Member FIC/NIH USA PBSA Team for last Five years conducting awareness amongst Pakistani scientists for Biosafety and Biosecurity

Author Ship

- Two chapters 1. Biosecurity and 2. Shipping of Infectious Substance in HANDBOOK FOR GOOD CLINICAL LABORATORY PRACTICES IN PAKISTAN By NAS USA and PAS Pakistan 2019
- Manual Dual Use Research of Concern (DURC) USA 2018
- Created informational Emergency preparedness posters for Pakistani labs in collaboration with Safe Behaviors USA (samples attached) for abstract Book 2017
- Biosafety Guide Book 2013 (Pak)

EDUCATION:

1. PhD. Microbiology 2015.

University of Karachi, Pakistan.

2. Diploma of Hematology 2001

Baqai Medical University

3. M.Phil. Microbiology 1995.

University of Karachi, Pakistan

4. MBBS. Bachelor of Medicine & Bachelor of Surgery 1982

Sindh University

REFERENCES:

Professor Dr. Maj. Gen. Aamir Ikram

Executive Director

NIH. Islamabad

maahin1@yahoo.com Cell No:

+923215170713

Professor Dr. Aqeel Ahmed

Chairman

Department of Microbiology,

Barret Hodgson University,

Karachi, Pakistan.
aahmad57@gmail.com
Cell No: +923332347380

Professor Dr. Syed Saud Hassan
Dean/Chairman
Department of Pharmacology
saudhs@outlook.com Cell
No: +0923212659830

PUBLICATIONS:

1. **Shamsul Arfin Qasmi**, Mehwish Zafar, Sarmad Pirzada, Kauser Abbas Saldera, Aftab Turabi. Assessment & impact of Biosafety Course in raising awareness of students in Jinnah Post Graduate Medical Center, Pakistan Accepted for publication in Journal of Biosafety & Biosecurity Elsevier 2019
2. **Shamsul Arfin Qasmi**, Bilal A. Khan. Review Study of Biological Waste Management in Research & Bio-Medical and Veterinary Laboratories in Karachi, Pakistan. Accepted for publication in Journal of Biosafety & Biosecurity Elsevier 2019
3. **Shamsul Arfin Qasmi**, Bilal A. Khan. Survey of Suspected Laboratory Acquired Infections and Biosafety Practices in Research, Clinical and Veterinary Laboratories in Karachi, Pakistan, accepted for publication in Health Security Journal USA 2019
4. Muhammad Younus, Sarmad Pirzada, Humaira Mahmood, **Shamsul Arfin Qasmi**. Antibiotic Sensitivity Patterns from Combine Military Hospital (CMH) Malir Karachi; A cross sectional Survey. JKIMS 2018:1 (2)94-96
5. Students Corner: Hand Washing: Blessing in Disguise Student activity published JKIMS 2018:1(1) 46-47
6. Humaira Mahmood, Madiha Sharif, Saira Maarooof, **Shamsul Arfin Qasmi**. Post Natal Care of New Borns in Rural Gujranwala: A cross sectional survey JKIMS 2018:1(1)28-31
7. Uzma Zareef, Imran Bakar, Samia Khanum, **Shamsul Arfin Qasmi**. Variation in attitude towards oral healthcare among undergraduate students of a private Medical & Dental College of Karachi 2018. International Journal of Pathology vol:15(4):177-180
8. **Qasmi S.A**, Shah, S M., Wakil H, Y, I., Pirzada S. Guiding Hand Hygiene Interventions among Future Health Care Workers- Implications of Knowledge, Attitudes and Social Influences. American Journal of Infection Control, Vol. 46, Issue 9, p1026–1031 Published online: April 9, 2018)
9. Hasan S, Khan M., Sultana M, Iqbal A, **Qasmi S.A**. Clinical efficacy of Bambuterol alone and in combination with Borage & Echium seed oil in chronic persistent asthma 2017 World J Pharm Sci. 5(3): 221-228

10. **Qasmi, SA.** Sadiq M., Pirzada S. Molecular Characterization of Hepatitis C Virus at Mirpur district, Azad Jammu & Kashmir 2016: *Baqai J. Health Sci.* Vol.19, No.2.
11. Ahmed, S.N., Sultana, M., Sheikh, F., Hasan, S. S., **Qasmi, S. A.** Evaluation of S-T resolution by streptokinase therapy in patients of Myocardial Infarction among the age groups of more than 60 years 2016. *JBUDMC* Vol-6, Issue-1
12. **Shamsul Arfin Qasmi.**, Aftab Ahmed Khan, Hasan Askari, Rabiya Pirzada. Study of Type 2 Diabetes Mellitus and its correlation with Blood Groups 2014: *Med.Forum*, Vol.25, No.1
13. **Shamsul Arfin Qasmi.**, Aftab Ahmed, Adnan Kanpurawala, Hasan Askari, Rabiya Pirzada. An Evaluation of VISA/VRSA Isolates from Hospitalized patients in Karachi 2014. *JPUMHS* Vol 4- Issue 1.
14. Shanila faisal, Muhammad Adnan Kanpurawala, **Shamsul Arfin Qasmi**, Hina Riaz. Trend of fast food consumption among University Students of Karachi 2014. *JPUMHS* Vol 4- Issue 1.
15. Aftab Ahmed khan, **Shamsul Arfin Qasmi**, Hasan Askari, Sadaf Shakoore. Prevalance of Noise Induced Hearing loss among Dentists working in Karachi, Pakistan 2014. *PODJ* Vol 34, No 1
16. **Shamsul Arfin Qasmi**, Erum Khan, Azhar Z. Survey of Biorisk Management in Clinical Laboratories in Karachi. Pakistan. *Applied Biosafety Journal*, ABSA USA, Volume 14, Issue 4, 2012.
17. Shazia T. Hakim, Syed M.Tayyab, **Shamsul Arfin Qasmi**, Sayyeda G. Nadeem. An Experience with Dengue in Pakistan: An Expanding Problem. *Ibnosina J Med BS* (2011).
18. S. G. Nadeem, **Qasmi SA**, F. Afaq, M. Saleem and S.T. Hakeem. Comparison of the in vitro susceptibility of Clinical isolates of *Pseudomonas aeruginosa* in a local hospital setting in Karachi, Pakistan. *BJMP* 2009:2(4) 35-39
19. **Shamsul Arfin Qasmi**, Aqeel Ahmed, S. Saud Hasan Zaidi, Owais Ahmed. Incidence and Diagnosis of Typhoid Fever in Karachi, Pakistan. *Infectious Diseases Journal of Pakistan*. Vol. 19, Issue 03 Jul-Sept 2010.
20. **Qasmi SA**, Shamsa Aqeel, Mohammed Ahmed, Syed Iqbal Alam and Aqeel Ahmed. Department of Microbiology, University of Karachi, Pakistan. "Detection of Hepatitis B Viruses in normal Individuals of Karachi" Published in *Journal of the college of Physicians and Surgeons Pakistan*. Vol.10.12 (December, 2000) Page: 467-469.
21. Terao k, M. Shahid, F.O Chekubo, A. Ahmed, M. Amjad, **Qasmi SA**, S. U. Kazmi, D. U. Akram, M. Agbotwala, T. Tasku and Yoshikawa 1993. The effects of environmental condition on immune function and Measles virus infection in child population in Karachi, Pakistan. Paper published in *JAP. J. Med Sc. Biol.*
22. Sámi, S. U. Kazmi, **Qasmi SA** and S. Qureshi, 1993. "Helicobacter pylori infection in Pakistan with Gastro-Duodenal Pathology. University of Karachi *JSc* 2(1&2) 171-180.

Courses Conducted

1. Basic Medical Sciences Institute Jinnah Post Graduate Center Karachi. Pakistan Biosafety & Biosecurity Course for MPhil and PhD student's custom built 4 months course 16 contact hours and 4 hours of practical training in collaboration with Pakistan Biological Safety Association 2018-2019
2. Basic Medical Sciences Institute Jinnah Post Graduate Center Karachi. Pakistan Biosafety & Biosecurity Course for MPhil and PhD students' custom-built course with 16 contact hrs. and 4 hrs. of practical training in collaboration with PBSA 2019-2020

WRKSHOPS / POSTERS & PRESENTATIONS

1. Organizer & lead facilitator for COVID 19/Biosafety guidelines for SARS CoV-2 workshop held at Dr. Ruth K. M. Pfau CHK February 22, 2020.
2. Organizer & Lead facilitator for COVID 19, orientation workshop at Fazaia Ruth Pfau Medical College February 11, 2020.
3. Facilitator for Biorisk manual write workshop in collaboration with HSP USA Colombo, Sri Lanka February 17-19, 2020.
4. Lead facilitator for Orientation to BSL-3 lab workshop held at Indus Hospital as part of Pre-conference ICON event January 12, 2020.
5. Lead Facilitator for Dual Use Research of Concern Workshop held at Indus Hospital as Pre-conference event January 11, 2020
6. Lead Facilitator in DURC and biological waste management Workshop held in Karakorum International University Gilgit in collaboration with HSP USA November 10-13, 2019
7. Key note speaker in "improving Biosecurity in Pakistan" Community of Interest workshop Bangkok Thailand, held October 8-9, 2019 in collaboration with ANSER USA
8. Lead Facilitator & Organizer for three-day Bio-awareness workshop at Shah Abdul Latif University Khairpur August 30, to September 1, 2019 in collaboration with Fogarty International center/NIH USA and Pakistan Biological Safety Association.
9. Lead facilitator and organizer for two-day Biosafety & infection control and anti-quackery derive in collaboration with Sindh Health care commission and Pakistan Biological safety association w.e.f. August 28-29, 2019 at Chandka Medical College, SMBB Medical University Larkano.
10. Lead Facilitator Biosafety & Infection Control workshop Held at Bhattai Dental & medical College Mirpur Khas March 28, 2019
11. Observer Leadership Summit in collaboration with Fogarty International Center /NIH USA and Pakistan Biological safety Association (PBSA) conducted by Sean Kaufman CEO Safe Behaviors USA at Marriott Hotel Islamabad March 18-20, 2019
12. Faculty development Workshop facilitated by DME National University of Medical Sciences in collaboration with Karachi Institute of Medical Sciences as participant held on February 25-26 2019.
13. Organizer/lead facilitator Applied Biosafety protocols workshop held on February 21, 2019 at Sindh Institute of Urology & transplantation (SIUT) in collaboration with Pakistan Biological safety association & medical Microbiology & Infectious Disease Society of Pakistan.
14. 61st ABSA Biosafety & Biosecurity Annual Conference October 12-17, 2018 at Charleston South Carolina USA.
15. Organizer/lead facilitator Biosafety awareness & infection control workshop held on October 27, 2018 at Combined Military Hospital (CMH). Malir

16. Organized and lead speaker/facilitator for workshop “Biological Risk Assessment. Management and Prevention” held at Bahria University Medical & Dental College, Dept. of Medical Education. CME/CDE Credit Hours: 4 12 September 2018
17. Invited Speaker for 13th A-PBA Biosafety conference held in Beijing China August 28-3, 2018.
18. Organized and lead faculty for Dual Use Research of Concern (DURC) held at Center of Excellence In Molecular Biology (CEMB) Lahore 16 - 18 July 2018
19. Invited lead faculty for IBC workshop at University of Veterinary & Animal Sciences(UVAS) Lahore April 13 – 14, 2018
20. Organized one day Biorisk Awareness Workshop at Gwadar, Baluchistan October 7, 2017. At Sadaf Hotel Gwadar, 35 participants from DHQ Hospital Gwadar Balochistan
21. Organized series of Biosafety awareness Workshops at Azad Jammu & Kashmir from September 17-22, 2017. In three main cities of AJ&K one each at Mirpur, Rawalakot and two in Muzaffarabad, in collaboration with Pakistan Biological Safety Association
22. Workshop on “Quality Assurance; Institutional Programme Assessment Seminar” held on June 24, 2017 at National University of Medical Sciences (NUMS) Islamabad
23. 5 Days Clinical Containment Training Program, “A Strategic Process for Mitigating Healthcare Associated Infections and Emerging Infectious Diseases” a 8 credit hours of training. Presenter Sean Kaufman of Behavioral Based Improvement Solutions USA 2017
24. Workshop on “Learning H-Index through Google Scholar” held on May 4, 2017 organized by Health Research Advisory Board (HealthRAB) at Karachi Institute of Medical Sciences, Karachi-Pakistan
25. Workshop on “Improving the quality of MCQs through post item analysis” March 3, 2017 at Karachi Institute of Medical Sciences, Karachi-Pakistan with “Local and Regional Collaboration for Medical Education: Moving Forward” AEME AKUH. Credit Hours 03 AEME category -1 credits
26. Workshop on “Research methodology, Biostatistics & Medical Writing” Department of Medical Education and WHO collaborating Center, held on February 22-25, 2017 at CPSP.ID 2016-192
27. Workshop on Assessment of Competency” Department of Medical Education and WHO collaborating Center, held on December 15-18, 2016 at CPSP.ID 2016-192
28. **Facilitator**, Workshop on Preparing Biological Laboratories for Certification in Biorisk Management. 24 hrs. Of Training to Participants on Preparing Biological Laboratories for certification in Biorisk Management held July 17-19, 2016 at FC College, Lahore
29. Presently Facilitator and Senior Observer with Fogarty International Center/NIH USA, ICLS USA and PBSA mutual project for dissemination of Biosafety and Biosecurity and preparation of Master Trainers and curriculum development in Pakistan
30. Organizer/Observer Workshop on Educational Planning and Lecturing Skills by Dr Farhan Vakani at Post Graduate Medical Institute at Baqai Medical university on May 25-26, 2016
31. 11th International High Containment Biosafety Workshop, Canadian Science Center for Human and Animal Health, Winnipeg, Manitoba, Canada May 2-6, 2016 in collaboration with International center for Infectious Diseases and Public Health Agency of Canada
32. Presentation in Pre-Conference Workshop on infection control and Biosafety in laboratories, in 4th Nursing Symposium on 8th april, 2016 at National Institute of Child Health, Karachi
33. Master Trainer Program, The Master Trainer Preparation Program 40 hrs. of Trainer Preparation in Biosafety held March 14-18, 2016 at Pakistan Academy of Sciences Islamabad, under the supervision of Master Trainer **Sean Kaufman** CEO of Behavioral Based Improvement Solutions. CME Credit No. 06/CME/PM&DC (15 Credit Hours)
34. Workshop on Educational Planning & Evaluation: CPSP ID: 2016-192, 12 CME credits for attending workshop, held on 17-20 February 2016 at Department of Medical Education and WHO Collaborating Center for Training in Research and Educational Development of Health Personnel, COLLEGE OF PHYSICIANS & SURGEONS OF PAKISTAN
35. Facilitator/Expert/Organizer for International Workshop on Biosafety awareness workshop held on December 10-12, 2015 at Post Graduate Medical Institute, LRH Peshawar KPK, Pakistan in

- collaboration with Fogarty International Center/ National Institute of Health USA, International council for Life Sciences USA and Pakistan Biological Safety Association Pakistan
36. Facilitator/Senior Evaluator for International Workshop on Biosafety Awareness Workshop held on August 27-29, 2015 at Pakistan Academy of Sciences Islamabad, Pakistan in collaboration with Fogarty International Center/ National Institute of Health USA, International council for Life Sciences USA and Pakistan Biological Safety Association Pakistan
 37. Workshop on “Integrated, Modular, Contextual Curriculum” PM&DC Recognition No. 09/CME/PM&DC Multispecialty held at Riphah International University, Riphah Academy of Research & Education June 10, 2015. Credit Hours “6”
 38. Annual Scientific Symposium held at Mohtarma Benazir Bhutto Shaheed Medical College, Mirpur AJK in collaboration with University of Health Sciences Lahore. Code No: 01/CME/PM&DC with credit hours awarded are “4” April 18 & 19, 2015.
 39. Workshop on “Designing Effective Workshops” held at Dept. of Medical Education, Yusra Medical & Dental College, Riphah International University, Riphah Academy of Research & Education April 12, 2015.
 40. 17th Annual Conference of the European Biosafety Association “Crossing Borders!” held on 13-14 May 2014 at the ICC Ghent Belgium. (Sponsored Program by EBSA). Poster presentation at conference.
 41. Pre-conference course 17th Annual Conference of the European Biosafety Association held on 13 May 2014 at ICC Ghent, Belgium “Laboratory Acquired Infection” updates and lessons learned. Part core competences 7.2.3 Biologicals and other hazards in the work Area, 7.2.4. Occupational health and Biosafety and 7.2.16 Incident and accident investigation.
 42. IFBA’s 2nd International Federation of Biosafety Associations “Global Biosafety and Biosecurity; Building sustainable Capacity” Held on June 28-30, 2012 at the Sandton Convention Center in Sandton. Johannesburg, South Africa. As an Invited participant.
 43. Masters Training in Biorisk Management at Sandia National Laboratory, New Mexico, USA. Held on December 8, 2011-December 13, 2011. Topic: Biorisk Assessment/Systems
 44. Masters Training in Biorisk Management at Sandia National Laboratory, New Mexico, USA. Held on November 28, 2011– December 7, 2011. Topic: Controlling Laboratory Biorisks.
 45. 1st IFBA’s (International Federation of Biosafety Associations) Inaugural Conference “Global Biosafety and Biosecurity: Taking Action. Held on February 15-18, 2011. Bangkok, Thailand. Invited Participant.
 46. Nominated by Ministry of Foreign Affairs Government of Pakistan to be focal Person for the US-Pak Bio-Engagement Workshop held at Egypt May 4th 2010 to May 7th 2010.
 47. Registered WS participant CEN Workshop WS 55 “Guidance Document for CWA 15793:2008 on Laboratory Biorisk management” Brussels, 24-25 February 2010. CENCENELEC Management Centre, Avenue Marnix 17, B-1000 Brussels Belgium.
 48. Attended / Participated in Biosafety and Biorisk Management Awareness Training for Pakistani Scientists at Dubai, UAE. 12-14th January 2010, organized by BEP Dept. of State USA.
 49. Organized 2nd International Seminar on Biosafety in collaboration with Dept. of Pediatrics and Child health AKUH and Pakistan Biological Safety Association. Held on December 5th 2010 at AKUH auditorium.
 50. Organized IATA certification course on “Shipping infectious substances and Biological specimen” was held on Dec 06, 2009 at Aga Khan University in collaboration with PBSA, University of Virginia and IDRL Research lab Department of Pediatrics and Child Health
 51. Organized Biosafety Awareness session was held at Indus Hospital on Nov 14 2009 by PBSA as part of creating Biosafety/Biosecurity awareness at various Hospital and Diagnostics and Research lab. 50 participants attended this workshop from Indus Hospital and labs from adjoining areas. Topics discussed were principles and Practices of Biosafety, Fundamentals of Biosafety Cabinets, Use of Personal protection gears and BSL-3 Lab practices

52. One week Seminar on Biosafety workshop and High Containment facilities in Islamabad Pakistan was organized by Patron in Chief (Dr Anwar Nasim). This event was sponsored by COMSTECH and HEC Government of Pakistan. Eminent International speakers in field of Biosafety through satellite connections addressed this workshop. Members of Pakistan Biological Safety Association (PBSA) actively participated during the entire workshop.
53. Organized 1st International Seminar on Biosafety in collaboration with Dept. of Pathology AKUH and Pakistan Biological Safety Association. Held on March 21st 2009 at AKUH auditorium.
54. International Meeting on Emerging Diseases and Surveillance Vienna, Austria. February 13-16, 2009. Organized by the International Society for Infectious Diseases.
55. CDC 10th International Symposium on Biosafety "Theme protecting workers in Clinical Laboratories, Research, Animal Care, and Public Communities" held at Omni Hotel at CNN Center, Atlanta GA. USA. (February 9-13, 2008)
56. National Core Group in Life Sciences (NCGLS) is an "Associate Member" of International Council for the Life Sciences. Its head office is based in Washington DC, USA. It brings together Life Sciences organizations from governments, academia, private industry and nongovernmental organizations from around the world to identify critical biological risks and to develop and promote guidelines, best practices, code of conduct and/or regulations to manage these risks. The NCGLS invited in a meeting of Life Scientists with Dr. Taylor on matters related to Biosafety and Biosecurity training at graduate and undergraduate levels, in the universities and colleges. Attended meeting on invitation. (Thursday, 1st November 2007) at HEC Islamabad
57. Asian Conference on Laboratory Biosafety and Biosecurity in Bangkok, Thailand. 17-19 April 2007 organized by Biosafety Engagement Program (BEP), United States Department of State, Bureau of International Security and Nonproliferation, Washington, D.C. 20506817.
58. Sixth Biennial International Conference of Pakistan Society for Microbiology, (SIBCPSM 2007) with theme "Molecular Biotechnology for Better Health, Environment and Agriculture" held at Islamabad-Pakistan, March 18-21, 2007.
59. Fifth Biennial International conference, organized by Pakistan society of Microbiology, held at Pearl Continental Hotel Karachi. Jan 10-15, 2005.
60. International symposium on Visceral Leishmaniasis organized by Pakistan Pediatric Association Muzaffarabad (A.K) Branch. 11-12 September 2004.
61. 1ST International Congress on Infectious Diseases held at Liaqat National Hospital. March 28-30, 2003.
62. 8th APASP Congress 2003 held at Bali, Malaysia. Presentation of Research Paper "Incidence of Hepatitis B infection in individuals of Karachi Pakistan" in the Infectious diseases session. 2-5 September 2003.
63. Fourth Biennial International conference organized by Pakistan society of Microbiology held at Peshawar and Malam Jabba, Pakistan. Theme "Continuing challenges in Microbiology" June 24-28 2002
64. Third biennial International conference organized by Pakistan Society of Microbiology held at Lahore Pakistan. Theme "Infectious Diseases challenges for new Millennium. March 28-30 2000.
65. 6th Asia Pacific Association of Societies of Pathologists Congress held at Agha Khan University Hospital Karachi, Pakistan. November 25-28 1999.
66. Second International Biennial Conference organized by Pakistan Society of Microbiology. Theme "Microbes, Health and the Environment" Held at Holiday Inn Crown Plaza, Karachi, Pakistan. September 24-26, 1997.
67. 1st International Biennial Conference organized by Pakistan Society for Microbiology held at University of Karachi Pakistan. January 16-19, 1995.
68. International Seminar on Sports Medicine held at Holiday Inn Karachi, Pakistan. Sponsored by Sports Medicines association of Pakistan in collaboration with International Medicine Association in 1994.

69. 1st IIDRL Symposium of Microbiology held at Sheikh Zayed Islamic Centre University of Karachi, Pakistan.

PROFESSIONAL MEMBERSHIPS:

1. National Representative for APBA and EXCO member
2. Fellow Institute of Safety in Technology & Research (UK)
3. Member American Biosafety Association (USA)
4. Member Infectious Diseases Society of Pakistan
5. Member Executive Council PBSA.
6. Founder Member PBSA
7. Immediate Past General Secretary Pakistan Biological Safety Association.
8. Member Asian Pacific Biosafety Association
9. Member American Society of Microbiology (ASM)
10. Life Member Pakistan Society for Microbiology (PSM)
11. Life Member Pakistan Association of Pathologists (PAP)
12. Life Member American Medical Society (Vienna, Austria)

