

DR. MUHAMMAD ASIM AZIM

PROSPECTIVE CERTIFIED MEMBER (IOSH)

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PROFESSIONAL SUMMARY

As I synergize academic rigor with practical acumen to deliver exceptional results. Presently pursuing an IOSH-accredited qualification in OSH-W, I am committed to attaining IOSH Certified Member. I also aspire to become a trustworthy future emergency management consultant, leveraging my academic research background to foster resilient communities and promote holistic well-being. I am committed to dedicating my future endeavors to delivering value-added services as a trusted well-being consultant.

SKILLS

Literature Review



Emergency Management



Community relations



Training oversight



Stakeholder communication



Policy development



Community engagement



Continuous improvement



Professional demeanor



WORK HISTORY

Examination Superintendent / Virtual University of Pakistan - Wah, Punjab / 02.2024 - Current

- Successfully conducted the Fall 2023 Final Term Exam as Exam Superintendent.
- Ensured smooth execution and maintained academic integrity
- Prepared and submitted reports on job progress and safety conditions to upper management.

Staff Volunteer / Sir Syed Innovative School System - Remote / 03.2020 - 11.2023

- I would like to extend my sincere gratitude to the faculty and administration of Sir Syed Innovation School System, Mohra Maradu (Taxila, Pakistan), for providing me with the opportunity to collaborate with them as a Staff Volunteer.
- During this collaboration, I worked closely with the school's academic team to analyze and interpret data for the purpose of informing Discipline-Based Education Research (DBER). Specifically, I assisted in examining the effectiveness of various teaching methods and strategies in STEM education, with a focus on identifying best practices that promote equity and inclusion. This experience not only deepened my understanding of DBER principles but also equipped me with the skills necessary to design and implement research-informed interventions in educational settings

Volunteer Coordinator / HWT - Taxila, Punjab, Pakistan / 07.2015 - 07.2016

Key Responsibilities

- Completed bi-weekly payroll for 10 employees.
- Worked with leadership staff and special committees to define volunteer mission and set standards.
- Managed and tracked volunteer hours and progress to support accurate documentation.
- Recruited and trained new volunteers on volunteer program goals and objectives.
- Established strong relationships with local organizations, fostering collaboration and expanding volunteer opportunities.

Research Experience / Lanzhou Jiaotong University - Lanzhou, Gansu / 09.2011 - 06.2015

- Researched, reviewed, and analyzed existing requirements.
- Produced reports outlining results and trends
- Authored research papers, reports, reviews, and summaries
- Designed and executed study approaches to achieve research objectives
- Also, established strong partnerships with external collaborators, broadening the scope of investigation and enriching the overall research experience.
- Aided research efforts aimed at improving existing processes or developing novel ones; this included offering insights based on firsthand experience and familiarity with current systems.
- Continuously improved skills by attending workshop(s), conference(s), and researching new techniques in face painting artistry.
- Improved overall guest experience by promptly addressing concerns and resolving issues.
- Conducted thorough research to ensure the accuracy and relevance of course materials, resulting in effective learning experiences.
- Participated actively in team meetings, sharing insights from personal experience that led to improved processes across the department.

EDUCATION

Cardiff Metropolitan University - Llandaff Campus / 09.2024 - Current
Master of Occupational Safety Health & Wellbeing: Accredited Qualification (IOSH)

Place of Study | Cardiff, **UK**

- Accredited Qualification: Institution of Occupational Safety and Health
- Status Student
- Cardiff School of Sport and Health Sciences
- Elected to Student Member for [IOSH](#) in 2024
- SIOSH Reference No. : 249794
- CDP in Blue Print at 30 Hours per year- in process

Higher Education Commission - Pakistan / 09.2022

Ph.D. Qualification: Equivalency

ISSUED No.8-104953/HEC/SAD/FE/2022/2162 | September 19, 2022

EGS (University) - Official Study Center | Thailand / 06.2019

Ph.D.: Emergency Management
PAR RECHERCHE | With Cumulative Grade Point Average 3.50CGPA |
Pass VAVOCE | (a) Thesis | Title: RTA Analysis & Existing Modelling for
Emergency Medical Service Karachi | Bangkok School of Management
| Official Study Center | Thailand | EGS (University) | Under Supervision |
France (MESRI).
<https://hrcak.srce.hr/file/340544>

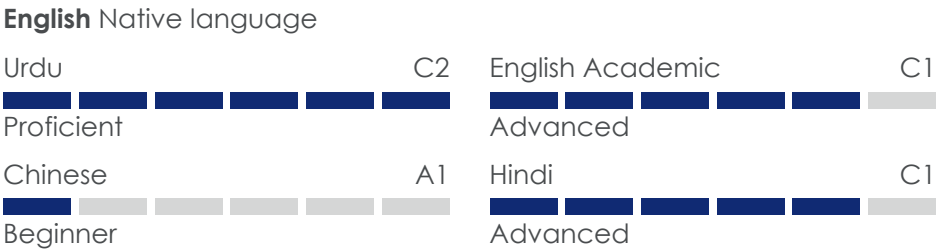
Lanzhou Jiaotong University - Lanzhou, Gansu / 06.2015
PhD Without Dissertation: ITS
Award (Ph.D.) Certificate of Graduation With Weighted Average Degree
Course | Passed 88% (a) n Passed VIVA-VOCE | Coverage Based
Empirical Modelling for Emergency Medical Service : A Rescue System of
Karachi | <https://hrcak.srce.hr/file/182156>

PRESTON UNIVERSITY - ISB CAMPUS / 11.2009
Master of Science: Telecommunications
CGPA 3.00 / 4.00
Faculty of Natural and Applied Science |
PRESTON UNIVERSITY | Islamabad Campus | Pakistan

AFFILIATIONS

IOSH, UK
Cardiff School of Sport and Health Sciences
RTIPC, Karachi
Hamdard Welfare Trust, Taxila
Bangkok School of Management, Bangkok

LANGUAGES



CPD CERTIFIED

Health and Safety Well-being - First Aid | Ongoing / 01.2025
First Aid | A Comprehensive Guide to Saving Lives | Alison - Empower |
AC-6203-36972517
/ 01.2024

PUBLICATIONS

- Azim, Muhammad Asim, et al. "RTA Analysis & Existing Modelling for
Emergency Medical Service." Tehnički vjesnik 27.1 (2020): 251-261.
<https://doi.org/10.17559/TV-20190212143303>
- Azim, Muhammad Asim, et al. "Coverage based empirical modelling
for EMS rescue system of Karachi (Pakistan)." Teh Vjesn-Tech Gaz 21.3
(2014): 561-6. SCI/EI Indexed.
- Azim, Muhammad Asim, et al. "Empirijsko modeliranje sustava službe
prve pomoći (EMS) u Karačiju (Pakistan) temeljeno na pokrivenosti."
Tehnički vjesnik 21.3 (2014): 561-566. SCI/EI Indexed.
- ZHAI, Feng-wen, Muhammad Asim Azim, Yang-ping WANG, and

Jian-wu DANG. "Amendment of Zernike moment fast computation." Journal of Jilin University (Engineering and Technology Edition) 6 (2014): 050. Cinki.

- ZHAI, Feng-wen, Muhammad Asim Azim, Yang-ping WANG, and Jian-wu DANG. "Study of MI and EM Based Medical Image Registration." Journal of Lanzhou Jiaotong University 4 (2013): 006. Cinki.
- Azim, Muhammad Asim, et al. "Identification of Accident Hot Spots, Factors & Measurements: Sci.Int.(Lahore),27(3),2387-2392,2015 ISSN 1013-5316; CODEN: SINTE 8.
- Fengwen, Qu, Dang Jianwu, Wang Yangping, Luo Weiwei, and Muhammad Azim Asim. "Application of shape context and belief propagation in removing SIFT mismatches." Journal of Computer-Aided Design & Computer Graphics 28 (2016): 443-449.El/ Cinki.
- 翟凤文, et.al. 形状特征和置信传播在去除 SIFT 特征点错误匹配中的应用. 计算机辅助设计与图形学学报 28 (3), 443-449 El/ Cinki.
- 翟凤文, et.al. "基于互信息和类电磁机制优化算法的医学图像配准研究." 兰州交通大学学报 32.4 (2013): 23-26.Cinki.
- 翟凤文, et.al. Zernike 矩快速算法的修正 吉林大学学报: 工学版, 1860-1866 Cinki.

PARTICIPATION

STEM Education Postdoctoral Opportunities Summit: Wednesday, November 15, 2023, 5 - 7 pm Eastern STEM Education Summit Intro Slide 2023 – 78 / 142: https://docs.google.com/presentation/d/1Y_mKFZ5yHOILuudOXPKvCokesigN2r8nyTBPgr0d_o8/edit?pli=1#slide=id.g293aa6c5d6c_0_197

ATTENDED SYMPOSIUM

CONFERENCE TOPIC- I & II PROCEEDING OF THE 2015 INTERNATIONAL SYMPOSIUM ON COMPUTERS AND INFORMATICS- BEIJING, CHINA.

AREA OF INTERESTS

OSH-W
RTIs, Pre- Hospital Emergency & Management
Social services and welfare
Non-profit management

SOFTWARE

Microsoft Office Package



Google-MAP



Google Earth



ArgGIS 10.2.2



AI



HONOR/AWARD

2010-2015 | Chinese Government Scholar

- CSC | Chinese Language Studies | 2010-11

- CSC | Doctorate Research Fellowship | 2011-15
- Web of Science 1900–present

REFERENCES

References Available on Request