



# DR.SHEIKH MUHAMMAD AZAM

## **PERSONAL STATEMENT:**

Animals have been my special interest since my childhood and I found it as a best chance to learn life root and cause of various issues in Human life. Since my childhood I had developed a Strong bond with animals and fortunately the Zoology degrees were offering in my country so I choose zoology from my bachelor level to Doctorate journey. Demands of Research in this field are still very high and I want to contribute a little share from my side in this regards. I had worked as Assistant Perfusionist Trainee in CPE institute of cardiology Multan which enables me to understand the basic protocols of laboratory, data collection and analysis of various problems in relation to human beings. Moreover I have a vast experience in management of Zoological Garden, Fish hatchery management and conservation. My favorite areas in this particular field are Wildlife, Fisheries and Ecology. I am always ready and willing to expand and share my knowledge through any form that it comes towards me. This instinct enforced me to join the University of Education Lahore as Lecturer in Zoology and serving here since last Nine years, guiding/teaching bachelor/master level students in field of Zoology.

## **PERSONAL INFORMATION:**

**Father's Name** : Sheikh Muhammad Ahmad  
**Date OF Birth** : 11th April 1988  
**Cell No.** : +92301-7827878  
**C.N.I.C No.** : 36302-8365586 -7  
**E-Mail** : [sheikh.azam@ue.edu.pk](mailto:sheikh.azam@ue.edu.pk)  
**Gender** : Male  
**Marital status** : Married (Two Daughters & One Son)  
**Domicile** : Khanewal  
**Nationality** : Pakistani  
**Religion** : Islam  
**Postal Address** : House No.555/556 7/M Mohalla Jhandi Vedra outside Pak Gate  
Multan  
**Permanent Address** : House No 42 Block-A Housing Scheme Tehsil Jahanian District  
Khanewal

## **ACADEMIC RECORD:**

| Name of Institution              | Degree           | Passing Year | Division | Board/University |
|----------------------------------|------------------|--------------|----------|------------------|
| Institute of Zoology             | Ph. D in Zoology | 2023         | 1st      | B.Z.U Multan     |
| Islamia University<br>Bahawalpur | M.Phil Zoology   | 2015         | 1st      | I.U Bahawalpurss |

|                                        |                                     |      |     |                |
|----------------------------------------|-------------------------------------|------|-----|----------------|
| Government Emerson College, Multan.    | M.Sc. Zoology                       | 2012 | 1st | B.Z.U Multan   |
| Government College of Science, Multan  | B.Sc. (Botany, Zoology & Chemistry) | 2008 | 2nd | B.Z.U Multan   |
| Government College of Science Multan   | F. Sc (Pre-Medical)                 | 2006 | 2nd | B.I.S.E Multan |
| Government Islamia High School, Multan | Matriculation                       | 2004 | 2nd | B.I.S.E Multan |

### PROFESSIONAL QUALIFICATION:

| Name of Institution                     | Degree                                      | Passing Year | Division        | Board/University                         |
|-----------------------------------------|---------------------------------------------|--------------|-----------------|------------------------------------------|
| Virtual University Pakistan             | M. Ed( Educational Leadership & Management) | 2021         | 1 <sup>st</sup> | Virtual University Pakistan              |
| Allama Iqbal Open University, Islamabad | B.Ed (General)                              | 2013         | 1st             | Allama Iqbal Open University, Islamabad. |

### WORK EXPERIENCE FULL TIME (TEACHING):

| Name of Organization           | Post Held           | Scale | Joining Date | Last Working Date |
|--------------------------------|---------------------|-------|--------------|-------------------|
| University of Education Lahore | Lecturer in Zoology | 18    | 16-11-2016   | To date           |

### STRENGTH & SKILLS:

- Languages:
 

|         |                 |
|---------|-----------------|
| English | Good Fluency    |
| Urdu    | Good Fluency    |
| Punjabi | Native Language |
| Saraiki | Native Language |
- Capable of working in every kind of environment.
- Managing hard working, Diligent, Analytical, Competitive and Honest.

## PUBLICATIONS:

- 1) Ali, A., Azam, S. M., Iqbal, K. J., Mustafa, G., & Kaleem, M. (2017). Breeding and Mortality of Royal Bengal Tiger (*Panthera tigris tigris* Linnaeus 1758) at Bahawalpur Zoo, Punjab, Pakistan. *Pakistan J. Zool*, 49(4), 1-4.
- 2) Ali, A., Qasim, M., Aftab, M. N., Azam, S. M., Iqbal, F., Akram, S., & Hussain, M. Z. (2017). Effects of *Ocimum basilicum* extract on hematological and serum profile of male albino mice after AlCl<sub>3</sub> induced toxicity. *Pure and Applied Biology (PAB)*, 6(2), 505-510.
- 3) Mustafa, Ghulam, Asia Iqbal, Arshad Javid, Maleeha Manzoor, Sumaira Aslam, Ahmad Ali, Sheikh Muhammad Azam et al. "Antibacterial properties of *Apis dorsata* honey against some bacterial pathogens." *Saudi Journal of Biological Sciences* (2021).
- 4) Sughra, F., Hafeez-ur-Rehman, M., Abbas, F., Altaf, I., Aslam, S., Ali, A., ... & Azam, S. M. (2021). Evaluation of oil-based inactivated vaccine against *Aeromonas hydrophila* administered to *Labeo rohita*, *Cirrhinus mrigala* and *Ctenopharyngodon idella* at different concentrations: Immune response, immersion challenge, growth performance and histopathology. *Aquaculture Reports*, 21, 100885.
- 5) Khalid, M., Abdullah, S. M., Azam, S. M., Imran, M., Rehman, S., Faizan, Muhammad, A., Ahmad, Mustafa, G., Hassan, S., Ishtiaq, A., Ibal, J., & Ahmad, M. (2021). Study On Ischemic Heart Disease In Southern Punjab, Pakistan. *Pakistan Journal of Medical & Health Sciences*, 15(4), 1482-1484.
- 6) Ali, A., Hussain, M.Z., Azam, S.M., Mustafa, G., Afzal, G., Idrees, M., & Iqbal, K.J. (2021). Studies on Bioaccumulation of Lead and Arsenic in Different Tissues of Rabbit (*Oryctolagus cuniculus*) *Indian Journal of Animal Research*, 1(0), 1-4.
- 7) M Azam, S., & Naeem, M. (2021). Some Morphometric Relationship Traits of Talang Queenfish, *Scomberoides commersonnianus* (Lacépède, 1801) from Pakistan. *Egyptian Journal of Aquatic Biology and Fisheries*, 25(3), 901-909.
- 8) Noor, R., Javid, A., Hussain, A., Bukhari, S. M., Hussain, I., Suleman, S., ... & Ali, W. (2021). Prevalence of parasites in selected captive bird species. *Brazilian Journal of Biology*, 84.
- 9) Iqbal, K. J., Ali, A., Iqbal, S., Atique, U., Javid, A., Khan, N., ... & Anwar, K. (2021). First Reports On The Captive Breeding And Mortality Of Black Swan (*Cygnus atratus*) In Pakistan. *Fresenius Environmental Bulletin*, 30(8), 9662-9669.

- 10) Khalid, M., ur Rehman, S., Ali, A., Azam, S. M., Yaqoob, R., Shah, S. M. F., ... & Tousil, M. I. (2021). Prevalence of Diabetes Mellitus in the Human Population of Bahawalpur, Punjab, Pakistan. *Frontiers In Chemical Sciences*, 2(2), 207-214.
- 11) Khalid, M., ur Rehman, S., Ali, A., Azam, S. M., Yaqoob, R., Faizan, M., ... & Tahir, M. M. (2021). Prevalence of Hepatitis B & C in Bahawalpur Region, Punjab, Pakistan. *Frontiers In Chemical Sciences*, 2(2), 175-182.
- 12) Azam, S. M., & Naeem, M. (2022). Relationship Between Digestive Enzymes Activity And Gut Morphometric Parameters Of Talang Queenfish (*Scomberoides commersonnianus* LACÉPÈDE 1801) from pakistan. *Fresenius environmental bulletin*, 31(1), 311-319.
- 13) Azam, S. M., & Naeem, M. (2022). Proximate body composition of Talang Queenfish (*Scomberoides Commersonnianus* Lacépède, 1801) from Pakistan. *Sarhad Journal of Agriculture*, 38(1), 204-209.
- 14) Bano, S., Ali, A., Azam, S. M., Tahir, M., Zafar, Z., Tanveer, K., ... & Hassan, S. (2022). Effect of High Dose (200mg/Kg) of ZnTe (Zinc Telluride) on Serology of Male Albino Mice (*Mus musculus*). *University of Sindh Journal of Animal Sciences (USJAS)*, 6(04).
- 15) Azam, S. M., Naeem, M., Ahmad, N., Yaqoob, R., Khalid, M., & Lal, V. (2022). Elemental composition of Talang Queenfish (*Scomberoides commersonnianus* Lacépède, 1801) in relation to body size and condition factor from Pakistan. *Brazilian Journal of Biology*, 84.
- 16) Mustafa, G., Iqbal, A., Arshad Javid, W. A., Ahmad, N., Saleem, M., Farooq, M., ... & Sughra, F. (2022). Morphological And Genetic Characterization Of Various Apis Species Captured From Selected Sites Of Punjab. *-Fresenius Environmental Bulletin*, 11259.
- 17) Ahmad, N., Hussain, S. M., Azam, S. M., Shahzad, M. M., Noureen, A., Yaqoob, R., ... & Ahmad, S. (2022). Effects of Se nanoparticles supplementation on growth performance, hematological parameters and nutrient digestibility of *Labeo rohita* fingerling fed sunflower meal based diet. *Brazilian Journal of Biology*, 84.
- 18) Khalid, M., Zafar, Z., Ahmad, N., Azam, S. M., Atiq, I., & Ali, A. (2022). Effect of Low Dose (100mg/kg) of Zinc Telluride (ZnTe) on Hematology of Male Albino Mice (*Mus musculus*). *Pakistan Journal of Medical & Health Sciences*, 16(10), 409-409.
- 19) Azam, S. M., Ali, A., Kashif, M., Khalid, M., Rehman, S. U., Faizan, M., & Tauseef, M. I. (2022). Effect of Commercial & Natural Feeds on the Growth Performance of Ostrich (*Struthio camelus*) in Captivity. *Frontiers In Chemical Sciences*, 3(1), 25-30.

- 20) Bano, S., Sheraz, M., Kaul, H., Tanveer, K., Zafar, Z., Azam, S. M., ... & Khan, M. (2022). Epidemiology of Different Types of Cancer in District Dera Ghazi Khan, Pakistan. *Pakistan Journal of Medical & Health Sciences*, 16(11), 413-413.
- 21) Khalid, M., Naeem, M., Lal, V., Khakwani, A. Z., Irshad, S., Bano, N., ... & Azam, S. M. (2022). Some Morphometric Relationship Traits of *Pangasius Pangasius* from Multan, Pakistan. *Egyptian Journal of Aquatic Biology and Fisheries*, 26, 969-979.
- 22) Khalid, M., Naeem, M., Azam, S. M., Ahmad, N., Kausar, S., Mustafa, G., ... & Khursheed, Z. (2023). Morphometric and Length-Weight Relationship of the Nile tilapia *Oreochromis niloticus* (Linnaeus, 1758) from Head Panjnad, Punjab, Pakistan. *Egyptian Journal of Aquatic Biology & Fisheries*, 27(2).
- 23) Khalid, M., Naeem, M., Azam, S. M., Ahmad, N., Kausar, S., Faiz, M., ... & Khursheed, Z. (2023). Morphometric Analysis of Different Parameters for *Labeo boga* from Head Panjnad, Alipur, Punjab, Pakistan. *Egyptian Journal of Aquatic Biology & Fisheries*, 27(2).
- 24) Idnan, M., Javid, A., Tayyab, M., Hussain, A., Mansoor, S., Bukhari, S.M., Irfan ., Shahbaz, M., Rehman, K., Andleeb, S., Azam, S. M., & Ali, W. (2023) Molecular identification of genus *Pipistrellus* (Mammalia: Chiroptera) from Fata region. *Pakistan. Brazilian Journal of Biology*, 83, e246322
- 25) Bukhari, S. M., Alshahrani, M. Y., Rehman, K. U., Ahmad, S., Andleeb, S., Javid, A., & Azam, S. M. (2023). Nucleotide analysis and prevalence of *Escherichia coli* isolated from feces of some captive avian species. *Journal of King Saud University-Science*, 35(1), 102375.
- 26) Khalid, M., Naeem, M., Azam, S. M., Ahmad, N., Kausar, S., Faiz, M., ... & Khursheed, Z. (2023). Morphometric Analysis of Different Parameters for *Labeo boga* from Head Panjnad, Alipur, Punjab, Pakistan. *Egyptian Journal of Aquatic Biology & Fisheries*, 27(2).
- 27) Azam, S. M., Ali, A., Ahmad, N., Zubair Hussain, M., Khalid, M., & Ejaz, M. (2023). Breeding and Mortality of African Lion (*Panthera leo leo* Linnaeus 1758) at Bahawalpur Zoo, Punjab, Pakistan. *Egyptian Journal of Veterinary Sciences*, 54(2), 193-197.
- 28) Malik, S., Javid, A., Hamidullah, Iqbal, M. A., Hussain, A., Bukhari, S. M., Chaber, A. L., Hemmatzadeh, F., Ismat, N., Ali, A., Azam, S. M., Mustafa, G., Hussain, S., Ahmad, U., Ahmad, A., & Ali, W. (2023). Phylogeography of cliff racer (*Platyceps rhodorachis* Jan, 1865) from Punjab, Pakistan. *Brazilian Journal of Biology*, 83, e246243

- 29) Mustafa, G., Iqbal, A., Javid, A., Hussain, A., Bukhari, S. M., Ali, W., Saleem, M., Azam, S. M., Sughra, F., Ali, A., urRehman, K., Andleeb, S., Sadiq, N., Hussain, S. M., Ahmad, A., & Ahmad, U. (2023). Variations in nutritional profile of honey produced by various species of genus *Apis*. *Brazilian Journal of Biology*, 83, e246651.
- 30) Azam, S. M. (2023). Biological Control Potential of *Anisopteromalus calandrae* against *Callosobruchus maculatus* in Brown Lentils under Controlled Environmental Conditions. *Egyptian Journal of Veterinary Sciences*, 54(2), 275-279.
- 31) Sadaf, T., Javid, A., Hussain, A., Bukhari, S. M., Hussain, S. M., ulAin Q., Ashraf, S., Suleman, S., Saleem, M., Azam, S. M., Ahmad, A., & Ali W. (2023). Studies on parasitic prevalence in pet birds from Punjab, Pakistan. *Brazilian Journal of Biology*, 83, e246229.
- 32) Azam, S. M., Mahmood, Y., Sial, N., Mustafa, G., Ali, A., & Kausar, S. (2023). Loss of Biodiversity Due to Road Accident in District Bahawalpur, Punjab, Pakistan. *Egyptian Journal of Veterinary Sciences*, 54(3), 369-378.
- 33) Hussain, M., Liaqat, I., Bukhari, S. M., Khan, F. S., Adalat, R., Shafique, M. S., Azam, S. M., Ali, A., Khalid, M., Shahid, Z., Iqbal M. J., Salahudin., & Ehsan, A. (2023). The impact of cow dung augmentation on soil restoration and bio-accumulation of metals (Lead and Cadmium) in *Pheretima posthuma* (Annelida: Clitellata). *Brazilian Journal of Biology*, 83, e247562.
- 34) AZAM, S. M., KHAN, H. R., SIAL, N., AHMAD, N., MUSTAFA, G., KAUSAR, S. (2023). Variation in Spatial Distribution of Spider Fauna between Agricultural and Arid land of Shujabad, Punjab, Pakistan. *University Of Sindh Journal Of Animal Sciences*, 7(1), 22-31.
- 35) Farrukh, G., Ahmed, F., Ali, M., Ismail, A., Qurat-Ul-Ain, H., Rana, A.R., Abdullah, H.M., Ishtiaq, A., Khalid, M. and Azam, S.M. (2023). Knowledge, Attitude and Practice of Hand Hygiene among Medical Students of CIMS Multan, Pakistan. *Pakistan Journal of Medical & Health Sciences*, 17(05), pp.530-530.
- 36) Sheikh, M. A., Khan, H. R., Sial, N., Ahmad, N., Mustafa, G., & Sheraz, M. (2023). The effect of food texture on eruption rate and length of incisor teeth in squirrel (*Funambulus pennantii*). *International Journal of Applied and Experimental Biology*.
- 37) Naheed, B., Sheikh, M.A., Nisar, A., Muhammad, A., Ghulam, M., Muhammad, K., Mah, N. K., Imrana, A., Sana, K., Muhammad, S., Saif, R., Ali, Z. K., Saqlain, I. (2023). Some Morphometric and Meristic Characters of *Catla catla* from research farms of MNS University of Agriculture Multan, Punjab Pakistan. *Egyptian Journal of Aquatic Biology and Fisheries*, 27(3), 663-670.

- 38) Saeed, I., Farooq, M., Azam, S. M., Ahmad, N., Asad, M., Kausar, S., ... & Imran, M. (2023) Morphometry, Length-Weight Relationship and Condition Factor of *Rita rita* from the Indus River, Punjab, Pakistan. *Egyptian Journal of Aquatic Biology and Fisheries*.
- 39) Waheed, R., Bano, N., Iqbal, N., Azam, S. M., Raza, M. A., Naheed, N., ... & Khalid, M. (2023). Evaluation of Toxicity Effect of different Insecticides against *Camponotus Compressus*. *Frontiers In Chemical Sciences*, 4(2), 13-25.
- 40) Khalid, M., Ibrahim, M. K., Zafar, Z., Maqbool, M., Idris, M. M., Azam, S. M., ... & Abdullah, S. M. (2023). Infrared Thermography as a Non-Invasive Tool to Assess Health Bio-Marks in *University Students*. *Pakistan Journal of Medical & Health Sciences*, 17(12), 69-69.
- 41) Ishtiaq, A., Khalil, S., Khalil, S., Ahmed, F., Ahmad, B., Ghaffar, A., ... & Imran, M. (2023). Prevalence of Typhoid Fever among Different Socio-Demographic Groups in District Bahawalnagar, Pakistan: Prevalence of Typhoid Fever. *Pakistan Journal of Health Sciences*, 138-143.
- 42) Ali, A., Naeem, M., Mustafa, G., Akram, S., Shoukat, A., Hanif, J., ... & Raza, Q. (2023). The Socio-cultural Variables Influencing Pakistan's Perception of the COVID-19 Vaccine. *Pakistan Journal of Medical & Health Sciences*, 17(11), 69-69.
- 43) Tousif, M. I., Nazir, M., Riaz, N., Saleem, M., Tauseef, S., Azam, S. M., ... & Zengin, G. (2023). Terpenoids as Human Neutrophil Elastase (HNE) Inhibitors: A Comprehensive Review of Natural Anti-inflammatory Isoprenoids. *Chembiochem*, 24(22), e202300346.
- 44) Azam, S. M. (2025). Effect of Microplastic Ingestion on Digestive Enzymes, Hormones, Hematology and Serum Biochemistry of *Gallus gallus domesticus*. *Egyptian Journal of Veterinary Sciences*, 56(6), 1317-1326.
- 45) Naqvi, S., Lashari, M. H., Azam, S. M., Imtiaz, A., Arshad, M., Ahmad, S., & Raza, Q. (2025). Seroprevalence and Associated Risk with Caprine Toxoplasmosis in District Bahawalnagar (Pakistan). *Egyptian Journal of Veterinary Sciences*, 1-8.
- 46) Khalid, M., Khakwani, A. Z., Bano, N., Naeem, M., Azam, S. M., Naqvi, S., ... & ul Hassan, A. (2025). Study of External Morphometry and Length and Weight Relationship of Grass Carp (*Ctenopharyngodon Idella*) from Polyculture System in Multan, Pakistan. *Planta Animalia*, 4(4), 51-58.
- 47) Abbas, A., Ahmad., S.M. Azam., S. A., Hussain., S., Naqvi., & F.,Shahzad. (2025). Effect of Various Flooring Treatments on Body Weight and Hematology of Desi Goat (*Capra aegagrushircus*) Under Feedlot Production System. *Egyptian Journal of Veterinary Sciences*, 1-8.

**THESIS SUPERVISED:****BS THESIS SUPERVISED:**

| Serial No | Degree     | Session | Capacity         | Title of Research                                                                                                    |
|-----------|------------|---------|------------------|----------------------------------------------------------------------------------------------------------------------|
| 1         | BS Zoology | 2020-24 | First Supervisor | Study of Breeding Biology of Grey Francolin in Tehsil Koh-e- Suleman, Bharti, Punjab, Pakistan                       |
| 2         | BS Zoology | 2020-24 | First Supervisor | Prevelance of Infant Pneumonia in Dera Ghazi Khan, Punjab, Pakistan                                                  |
| 3         | BS Zoology | 2020-24 | First Supervisor | Prevelance of Hepatitis C in Dera Ghazi Khan, Punjab, Pakistan                                                       |
| 4         | BS Zoology | 2020-24 | First Supervisor | Prevelance of Hepatitis B in Dera Ghazi Khan, Punjab, Pakistan                                                       |
| 5         | BS Zoology | 2020-24 | First Supervisor | Knowledge and Perception of People about the visit of Dera Ghazi Khan Zoological Garden                              |
| 6         | BS Zoology | 2020-24 | First Supervisor | Enclosure design and its impact on breeding of Lion ( <i>Panthera leo leo</i> ) in Dera Ghazi Khan, Punjab, Pakistan |
| 7         | BS Zoology | 2020-24 | First Supervisor | Prevelance of Diabetes Mellitus in Dera Ghazi Khan, Punjab, Pakistan                                                 |
| 8         | BS Zoology | 2021-25 | First Supervisor | Prevalence and Seasonal Infestation of Ticks in Farmed Cows and Buffalos from Taunsa, Punjab, Pakistan.              |
| 9         | BS Zoology | 2021-25 | First Supervisor | Impact of Various Factors on Ticks infestation in Goats and Cows from Dera Ghazi Khan, Punjab, Pakistan              |
| 10        | BS Zoology | 2021-25 | First Supervisor | Prevalance and Characterization of Ticks in Domestic Goats and Sheep from Jampur, Punjab, Pakistan                   |
| 11        | BS Zoology | 2021-25 | First Supervisor | Tick Infestation Pattern in Domestic Cows and Buffaloes from Jampur, Punjab, Pakistan.                               |
| 12        | BS Zoology | 2021-25 | First Supervisor | Various Methods of Control of Ticks in Domestic Goats and Sheep in Dera Ghazi Khan, Punjab, Pakistan.                |
| 13        | BS Zoology | 2021-25 | First Supervisor | Various Methods of Control of Ticks in Domestic Cows and Buffaloes in Dera Ghazi Khan, Punjab, Pakistan              |



|    |            |         |                  |                                                                                                                |
|----|------------|---------|------------------|----------------------------------------------------------------------------------------------------------------|
| 14 | BS Zoology | 2021-25 | First Supervisor | Various Methods of Control of Ticks in Farmed Goats and Sheep in Dera Ghazi Khan, Punjab, Pakistan.            |
| 15 | BS Zoology | 2021-25 | First Supervisor | Prevalence and Seasonal Infestation of Ticks in Farmed Goats and Sheep from Dera Ghazi Khan, Punjab, Pakistan. |

#### MS THESIS SUPERVISED:

| Serial No | Degree            | Session | Capacity          | Title of Research                                                                 |
|-----------|-------------------|---------|-------------------|-----------------------------------------------------------------------------------|
| 1         | MS/M.Phil Zoology | 2022-24 | Second Supervisor | Avian diversity and Abundance in Jhang, Punjab, Pakistan                          |
| 2         | MS/M.Phil Zoology | 2022-24 | Second Supervisor | Current status of Fish Diversity of River Chenab at Trimmu Head, Punjab, Pakistan |

#### REFERENCES

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