

CURRICULUM VITAE

Muhammad Shahkar Uzair



PHILOSOPHY:

Seeking a challenging job in a dynamic organization in order to apply my intellects, use my skills and utilize experiences to achieve organizational goals and objectives. I work in close chain of command by managing my subordinates according to the need of the superiors. Being an adaptable person, I can work in all sorts of environment and with different research groups. So let me do it.....

PERSONAL DATA:

Father's Name	:	Amir Zaman
Date of Birth	:	10-04-1995
Gender	:	Male
N.I.C No	:	17301-4445359-7
Nationality	:	Pakistani
Address	:	House # S/233, Street # 04, Eid Gah Colony Peshawar
E-mail	:	shahkaruzair5@gmail.com
Cell	:	+923339890844
Whatsapp Messenger	:	+923339890844
LinkdIn	:	shahkar uzair

Qualification	Years	%age/CGPA	Board/ Institute
PhD Poultry Science	2024	3.86 / 4.00 CGPA	Agricultural University Peshawar
MSC (Hon's) Poultry Science	2020	3.73 / 4.00 CGPA	Agricultural University Peshawar
DVM	2013-2017	2.78 / 4.00 CGPA	Agricultural University Peshawar
Diploma in Information Technology (DIT)	2013	70 %	Board of skill education Islamabad
Intermediate (Pre-Medical)	2013	77.8%	BISE Peshawar
Matric	2010	79.04%	BISE Peshawar

WORK EXPERIENCE:

1. Two years Procurement and Research experience as Research Associate in PSF Funded Project (PSF/NSLP/KP-UAP, 768) in Department of Poultry Science, The University of Agriculture Peshawar, Pakistan. (15-09-2020 to 15-09-2022)
2. Two years and Seven Months experience as Administrator in The Oxford Grammar School Peshawar, Pakistan. (18-01-2018 to 14-09-2020)

WORK EXPERIENCE AT FARMS, HOSPITAL AND REASEARCH CENTERS:

1. POULTRY FARM THE UNIVERSITY OF AGRICULTURE PESHAWAR

Responsibilities and achievements:

- Training of farmers.
- Extended program of vaccination.
- Poultry improvement program.
- Provided extension services to community to control diseases.

2. DAIRY FARM THE UNIVERSITY OF AGRICULTURE PESHAWAR

Responsibilities and achievements:

- Diagnosis of various diseases and treatment.
- Feeding management of different age group of animals.
- Pregnancy diagnosis and artificial insemination.
- Minor and major surgical cases.
- Vaccination and deworming schedule of the dairy herd.
- Hoof trimming and foot care.
- Hand and machine milking.

3. CIVIL VETERINARY HOSPITAL PESHAWAR

Responsibilities and achievements:

- Learned expertise for clinical diagnosis of diseased animals.
- Treatment of diseased animals and management to control different diseases
- Performed Artificial insemination and pregnancy diagnosis.
- Arranging field days for vaccination against lethal diseases of animals.

4. VETERINARY RESEARCH INSTITUTE, PESHAWAR

Responsibilities and achievements:

- I successfully completed internship in different section of V.R.I. Peshawar like center of microbiology and pathology, center of parasitology and poultry post-mortem and center of animal nutrition.

5. NATIONAL VETERINARY LABORATORIES ISLAMABAD

- I successfully completed internship in different section of N.V.L like center of microbiology and pathology, center of parasitology and Drug Residues lab, PCR lab.

TECHNICAL SKILLS AT FARM LEVEL

1. Brooding management
2. Birds handling and caring
3. Designing and running of metabolic trials
4. Collection and processing of samples for different assays from experimental birds
5. Collection of samples for digestibility assays from different segment of digestive tract
6. Measuring of ileal digestible.
7. Measuring of metabolizable energy
8. Protein and amino acids digestibility
9. Minerals digestibility
10. Use of indigestible markers and analyses

LAB EQUIPMENTS USED

1. Nitrogen analyzer
 - a. Digestion Unit
 - b. Distillation Unit
 - c. Titration Unit
2. Digital furnace
3. Digital oven
4. Laminar Air Flow (Biosafety Cabinet)
5. Colony Counter
6. Micropipette (Single and Multi-channel)
7. Microscope
8. Incubator
9. Autoclave
10. Freeze dryer
11. Ultra-low Temperature Freezers

12. Grinding machine (Experimental Level)
13. Rotary evaporator
14. pH meter (Portable and Bench Top)
15. Vacuum Filtering System with Trap in line
16. Spectrophotometer
17. Centrifuges (large and small)
18. Digital Water bath
19. Automatic dispenser
20. Total Dissolved Solvents (TDS) machine
21. Balances (digital large and small)
22. Analytical Balance
23. Bunsen Burner
24. Vertex machine
25. Magnetic stirrer
26. Electronic Overhead stirrer
27. Distal water machine
28. Hot plate
29. Oven (forced and still air)
30. Egg quality testing machine
 - a. Shell strength
 - b. yolk coloring index
 - c. Haugh unit
 - d. yolk albumen ratio
31. Feed mixer experimental level
32. Histopathology Machine
 - a. Tissue Processor
 - b. Tissue Embedding System
 - c. Microtome
 - d. Tissue Water Bath
 - e. Hot Plate
 - f. Slide Stainer

NATIONAL RESEARCH PUBLICATIONS:

1. Effect of Fiber Degrading Enzymes Added in Soybean Hulls on the Egg Quality Parameters During Early Peak Production Period in Laying Hens. Muhammad Shuaib, Abdul Hafeez, **Muhammad Shahkar Uzair**, Abubakar Sufyan and Hammad Ullah.
Pakistan J. Zool., pp 1-6, 2022.
<https://dx.doi.org/10.17582/journal.pjz/20221115101133>
2. Effect of β -Mannanase and Soybean Hulls on the Nutrient Digestibility, Digesta Viscosity, Feces Consistency and Intestinal Histomorphology during Early Peak Production Period in Laying Hens. Muhammad Shuaib, Abdul Hafeez, Sarzamin khan, **Muhammad Shahkar Uzair**, Abubakar Sufyan and Muhammad Ayaz.
Pakistan J. Zool., pp 1-7, 2022.
<https://dx.doi.org/10.17582/journal.pjz/20221117091159>
3. Effects of Dietary Protein Levels Enriched with Subtilisin Protease on the Performance and Nutrients Utilization of Broiler Chicks. Fahad Shahzad, Muhammad Tahir, Abdul Hafeez, Muhammad Shuaib, **Muhammad Shahkar Uzair**, Abdul Jabbar, Abubakar Sufyan, Muhammad Aamir Khan, Muhammad Ayaz, Hameed Ullah and Hammad Ullah.
Pakistan J. Zool., pp 1-7, 2022.
<https://dx.doi.org/10.17582/journal.pjz/20220315140341>
4. Enhanced Neomycin Antibiotic Properties through Proteolytic Enzyme in *Escherichia coli* Induced Infection in Broiler Chicks. **Muhammad Shahkar Uzair**, Muhammad Mushtaq, Muhammad Shuaib, Saqib Nawaz, Mehboob Ali, Faiz ur Rehman, Abubakar Sufyan, Usman Zeb, Muhammad Ayaz and Muhammad Aamir Khan.
Pakistan J. Zool., pp 1-6, 2023
<https://dx.doi.org/10.17582/journal.pjz/20221114101149>
5. Comparative Performance of Artificial Insemination in Broiler Breeders Housed on the Floor versus Cages on Commercial Scale. Ishtiaq Ahmad Khan, Sarzamin Khan,

Muhammad Shuaib, Sohaib ul Hassan, Abubakar Sufyan, Waqas Alam, **Muhammad Shahkar Uzair**, Aamir Khan, Qudrat Ullah, Muhammad Ayaz and Tayyab Khurshid.
Pakistan J. Zool., pp 1-7, 2023.

<https://dx.doi.org/10.17582/journal.pjz/20221224151230>

6. Effect of Liquorice (*Glycyrrhiza glabra*) on Growth Performance, Gut Morphometry and Economics of Broilers Production. Ashiq Ullah, Sarzamin Khan, Muhammad Shuaib, Sohaib ul Hassan, Abubakar Sufyan, Kinkpe Lionel, **Muhammad Shahkar Uzair**, Majid Ali, Aamir Khan, Qudrat Ullah and Waqar Azeem.

Pakistan J. Zool., pp 1-8, 2023.

<https://dx.doi.org/10.17582/journal.pjz/20221227071205>

7. Effect of Probiotic *Bacillus clausii* on Production Parameters and Intestinal Histomorphology of Meat-Type Chicken. Muhammad Mushtaq, Ihsan Ullah Khan, Muhammad Shuaib, Naila Chand, Abubakar Sufyan, Muqader Shah, Ziaul Islam, **Muhammad Shahkar Uzair**, Aamer Khan, Qudrat Ullah and Usman Zeb.

Pakistan J. Zool., pp 1-8, 2023

<https://dx.doi.org/10.17582/journal.pjz/20230228080217>

8. Antibacterial and Immuno-Modulatory Effects of Probiotics and Phytobiotics in Spent Rhode Island Red Layers. Muhammad Mushtaq, Muhammad Shuaib, Aamir Iqbal, Abubakar Sufyan, Muqader Shah, Noor Ul Ain Nawaz, Muhammad Ismail Khan, Hamayun Khan, **Muhammad Shahkar Uzair**, Qudrat Ullah and Usman Zeb.

Pakistan J. Zool., pp 1-12, 2024

<https://dx.doi.org/10.17582/journal.pjz/20230305080346>

9. Biochemical Assessment of Oxidative Status and Liver Biomarkers in Acetaminophen Associated Hepatic-Toxicity in Broiler Chicks. Muhammad Mushtaq, Muhammad Shuaib, Muhammad Abdullah, Aamir Iqbal, Abubakar Sufyan, Muhammad Ismail Khan, Muqader Shah, Noor Ul Ain Nawaz, Shahrood Ahmed Siddiqui, Anwar Mahmood and **Muhammad Shahkar Uzair**.

Pakistan J. Zool., pp 1-9, 2024

<https://dx.doi.org/10.17582/journal.pjz/20230613050644>

10. Combined Effect of Soybean Hulls and Enzyme (β -Mannanase) on the Production Performance and Economics in Golden Brown Laying Hens (RIR $\times$ Fayoumi) During the Mid-Peak Production Period. Muhammad Shuaib, Abdul Hafeez, Shahrood Ahmed Siddiqui, Anwar Mahmood and **Muhammad Shahkar Uzair**.

Pakistan J. Zool., pp 1-6, 2024

<https://dx.doi.org/10.17582/journal.pjz/20230309160336>

11. Impact of Different Levels of Ginger Derived Phyto-Protease (Zingibain) on Broiler Production Performance and Nutrient Digestibility Fed Diet with Reduced Level of Protein and Amino Acids. **Muhammad Shahkar Uzair**, Asad Sultan, Sar Zamin Khan and Sher Bahadur Khan.

Pakistan J. Zool., pp 1-9, 2024

<https://dx.doi.org/10.17582/journal.pjz/20231205103358>

12. Effect of Body Weight-Based Feeding on Production Performance of Cattle (Holstein Friesian) During Different Lactation Stages. Adnan Khan, Ijaz Ahmad, Muhammad Shuaib, Sohaib Ul Hassan, Abubakar Sufyan, Shahrood Ahmed Siddiqui, Majid Ali, Waqas Alam and **Muhammad Shahkar Uzair**.

Pakistan J. Zool., pp 1-6, 2024

<https://dx.doi.org/10.17582/journal.pjz/20231030174027>

13. Effect of Ivermectin and Permethrin on *Sarcoptes scabiei* in Indigenous Rabbits (*Oryctolagus cuniculus*). Ateeq Ullah, Kamran Khan, Muhammad Shuaib, Ziual Islam, Abubakar Sufyan, Shahrood Ahmed Siddiqui, Muhammad Ismail Khan, Obaid Ullah and **Muhammad Shahkar Uzair**.

Pakistan J. Zool., pp 1-4, 2024

<https://dx.doi.org/10.17582/journal.pjz/20231203103210>

INTERNATIONAL RESEARCH PUBLICATIONS:

1. Optimising growth performance, nutrients digestibility, immunity and gut health in broilers through ginger-derived phyto-protease enzyme (zingibain) supplementation. Ahmad Khan, Asad Sultan, Ziaul Islam, **Muhammad Shahkar Uzair**, Ibrahim A. Alhidary, Rifat Ullah Khan, Shabana Naz, Naseer Khan Momand & Ruchi Tiwari.
Italian Journal of Animal Science, 2024, VOL. 23, NO. 1, 1695–1703
<https://doi.org/10.1080/1828051X.2024.2416586>
2. Effect of ginger-based zingibain enzyme on growth and intestinal health in Japanese quails. Asad Sultan, Tariq Aziz, Ziaul Islam, **Muhammad Shahkar Uzair**, Ibrahim Abdullah Alhindary, Rifat Ullah Khan and Ruchi Tiwari.
Arch. Anim. Breed., 67, 571–581, 2024
<https://doi.org/10.5194/aab-67-571-2024>
3. Efficacy of Zingibain phyto-protease on growth performance, litter quality and gut microbiota in broilers fed high animal protein concentrates. **Muhammad Shahkar Uzair**, Asad Sultan, Ziaul Islam, Muqadar Shah, Muhammad Waleed Tahir, Shabana Naz, Abdulwahed Fahad Alrefaei, Sheikh Adil, Naseer Khan Momand, Rifat Ullah Khan.
Italian Journal of Animal Science, 2025, 24(1):336-346
<https://doi.org/10.1080/1828051X.2025.2452244>

CONFERENCES ATTENDED:

- Attended workshop on “2nd International Dairy Science Park” 16, 17, 18 November, 2015 organized by University of Agriculture Peshawar.

TRAINING ATTENDED:

- Successfully completed one day training on “**Roadmap to antibiotics-free poultry production in Khyber Pakhtunkhwa**” organized under the project Technology Development, The University of Agriculture Peshawar, Pakistan (TDC-UAP) held on 9 February 2023.

COMPUTER SKILLS:

1. MS Office
2. PowerPoint
3. Window Installation
4. Word Processing
5. Spread Sheets
6. Email Communication
7. Social Media Management
8. Electronic Presentation Skills

Technical Skills:

- Expert in Technical writing like Research proposal/synopsis and Thesis writing.
- Expert in statistical analysis of Research data.
- Drafting.

MEMBERSHIPS:

- Registered with Pakistan Veterinary Medical Council PVMC-(RVMP).
RVMP # 12978.

LANGUAGES:

- Pushto (Being the mother language)
- English (Both written and spoken skills)
- Urdu (Being the national language)

HOBBIES:

- Reading Research Papers
- Surfing Internet.

REFERENCES:

- **Prof. Dr. Sar Zamin Khan**
Department of Poultry Science, The University of Agriculture Peshawar, Pakistan.
dr.zaminaup@gmail.com
[+92 300 8592606](tel:+923008592606)

- **Dr. Asad Sultan (Associate Professor)**
Department of Poultry Science, Faculty of Animal Husbandry and Veterinary Science, The University of Agriculture Peshawar, Pakistan.
asadzia2003@yahoo.com
[+92 310 1981073](tel:+923101981073)
- **Dr. Rafiullah (Assistant Professor)**
Department of Poultry Science, Faculty of Animal Husbandry and Veterinary Sciences, The University of Agriculture Peshawar, Pakistan.
drkhan83@gmail.com
[+92 346 9440628](tel:+923469440628)