

Mr. Muhammad Tahir Khan
Lecturer Department of Animal Nutrition
The University of Agriculture Peshawar

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Personal information:

Father Name : Abdullah Jan
Date of Birth : March 30, 1982
NIC : 17301-1398930-7
Marital Status : Married
Birth Place & Domicile : Peshawar, Khyber Pakhtunkhwa Pakistan.
Permanent address : Village Jhagra, P/O Tarnab Farm Tehsil & District Peshawar Khyber Pakhtunkhwa Pakistan.
Mailing address : Department of Animal Nutrition, Faculty of Animal Husbandry and Veterinary Sciences,
The University of Agriculture Peshawar Pakistan,

Academic Record:

➤ MSc(Hons) Animal Nutrition	86.23%	1 st Div	CGPA 3.69/4.00	AUP (2008)
➤ B.Sc(Hons) Animal Science	70.13%	1 st Div	CGPA 3.13/4.00	AUP (2006)
➤ F.Sc	64.11%	1 st Div	705/1100	BISE Peshawar (2000)
➤ Matric	79.06%	1 st Div	672/850	BISE Peshawar (1998)

Education Profile:

- Passed **M.Sc (Hons)** in Animal Nutrition, in the year 2008, from The University of Agriculture Peshawar, securing CGPA 3.69/4.00 (86. 23%)
- Passed **B.Sc. (Hons)** in Animal Husbandry, in the year 2006, from The University of Agriculture Peshawar, securing CGPA 3.13/4.0 (70. 13%)
- Passed **H.S.S.C. (Pre-Med)** in 2000, from Edward College Peshawar, Pakistan, in 1st Division.
- Passed **S.S.C. (Science Group)** in 1998, from Peshawar Board, Pakistan, in 1st Division.
- **Major courses:** Energy Metabolism; Protein Metabolism; Mineral Nutrition; Avian Nutrition; Ruminant Nutrition Analytical Techniques in Animal Nutrition; Digestive physiology of farm animals; Nutrient metabolism; Principle and practices of animal nutrition; Nutrients requirement and ration formulation of farm animals;; Design of animal experiments; Basic and advance statistics, and use of SAS software.

Awards:

- Silver Medal MSc (Hons) Animal Nutrition, Faculty of Animal Husbandry & Veterinary Sciences, The University of Agriculture Peshawar.

Objectives:

- A dynamic animal science professional, with demonstrated animal nutrition research and animal husbandry experience, is pursuing a suitable position in the agriculture and related professions
- Improve dairy herd operations, quality testing of feeds and forages, feed manufacturing for dairy and other Farm Animals.
- Teaching, Research and Outreach in the field of Dairy Cattles/Buffaloes Nutrition.
- Improve linkages among Researcher and Farmers

Research interest:

- Forage utilization and recycling of organic wastes in ruminants' rations.
- Development, evaluation, and the use of low cost and efficient Rations for dairy animals.
- The use of advanced equipments in Laboratories
- Digestibility of nutrients (energy, amino acids, lipids, carbohydrates and minerals) to clarify the mechanism of its digestion stimulating action ,

Research work & Project:

- Feed Mill Operation approval of 12 million for the manufacturing of feed products in the Department of Animal Nutrition, The University of Agriculture Peshawar.
- Coordinator Pak- Afghan students training held 2011 on Laboratories analysis in the Department of Animal Nutrition The University of Agriculture Peshawar.

Professional Courses/Trainings:

- National Nutrition Conference 2004 in Lahore
- National Workshop on Advanced Research Technique and Research Management in Life Science 2009 The University of Agriculture Peshawar
- Internship in SB Feed Mill Islamabad
- Feed mill installation and operation The University of Agriculture Peshawar
- Internship in Jaba Sheep farm Mansehra
- International Workshop on Dairy Science Park 2012 The University of Agriculture Peshawar
- Pakistan Science Foundation Workshop on project formulation 2012 The University of Agriculture Peshawar
- Paper presentation in International Workshop on Dairy Science Park 2013 The University of Agriculture Peshawar

Membership:

Organization	Membership/Role	Member Since
Blood Donor Society	Member	2003-2005
Student Welfare Council	Member	2007-2008
Flood Relief Society	Member	2010-2011

Skill Summary:

- More than four year experience in ruminant nutrition research
- Laboratories up gradation with advanced equipments
- Cattle feed formulation for dairy farmers and floods affected animals of the province
- Multinutrients blocks for dairy animals
- Analyzed Aflatoxin content and in large number of feed, blood and milk samples
- Proximate analysis of feed stuffs
- Evaluation of feedstuffs through in-vitro fermentation systems
- Data analysis skills using proc GLM and Mixed models in SAS

- Technical, scientific knowledge acquisition, communication, report writing, scientific publication and presentation skills
- In-depth ability to maintain satisfactory working relationships with other employees, professional personnel and the public.
- Ability to train, instruct and supervise employees and students
- Strong initiative, leadership, and team building
- Persuasive negotiation and sales skills with excellent customer service

Teaching Experience:

- Serving as lecturer in the Department of Animal Nutrition, The University of Agriculture Peshawar.

Duties include:

- Teaching graduate and undergraduate courses,
- Supervise graduate and postgraduate students research projects,
- Conduct personal research,

Courses Taught:

- | | |
|---|-------------|
| ➤ Biochemistry of Metabolism | DVM |
| ➤ Ruminants Nutrition | DVM |
| ➤ Principle of Animal Nutrition (Practical) | DVM |
| ➤ Animal feed resources and forage conservation (Practical) | DVM |
| ➤ Feed Emulation, Formulation & Processing Technology | DVM |
| ➤ Analytical technique in Animal Nutrition | M.Sc (Hons) |
| ➤ Feed and Feeding | M.Sc (Hons) |

Research Activities:

- **Advised MSc(Hons) Dissertation as Supervisor**
 - Mr. Muhammad Ishfaq,
 - Mr. Samiullah,
 - Mr. Syed Ziaullah,
- **Advised MSc (Hons) Dissertation as Member**
 - Mr. Ata-Ur-Rahman
 - Mr. Muhammad Noman
 - Mr. Anwer saeed
 - Mr. Muhammad Qaseem

- Mr. Ishtiaq
- Mr. Muhammad Baseer
- Mr. Muhammad tauqeer
- Mr. Muhammad Samiullah
- Mr. Muhammad Tehseen
- Mis. Tahira
- Mis.Saima
- Mis Aisha
- Mr. Muhammad Rizwan
- Mr. Muhammad Noman khan

Hobbies:

- Net Surfing, Books Reading, Plantation, Gardening, traveling and playing cricket.

Languages:

- Urdu
- English
- Pushto
- Hindko

Other service Experiences:

- Organizing and execution of training (for extension workers and farmers in livestock and poultry production)
- Curriculum development, development of extension messages, extension tools and execution of field days,
- Conducting Need assessment Analysis, Rural Rapid Appraisal (RRA) and Participatory Rapid Appraisal (PRA) techniques of community development, and Report writing.
- Feed Mill Operations Department Animal Nutrition The University of Agriculture Peshawar.
- Laborites Incharge Department Animal Nutrition The University of Agriculture Peshawar.
- Production of Urea molasses blocks Department Animal Nutrition, The University of Agriculture Peshawar.

Publication:

Muhammad Tahir Khan, Nazir Ahmad Khan, Melkamu Bezabih, Muhammad Subhan Qureshi1, AltafurRehman. (2012) *THE NUTRITIONAL VALUE OF PEANUT HAY (ARACHIS HYPOGAE) AS AN ALTERNATE FORAGE SOURCE FOR SHEEP Tropical Animal Health and Production*