

PERSONAL INFORMATION

MUHAMMAD DAWOOD



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drmalik89 (Skype)

Sex Male | Date of birth 10/11/1989 | Nationality Pakistan

APPLYING FOR

To join a reputable organization and work with the team of good professionals, to improve my skills and experiences.

WORK EXPERIENCE

(2012-2013)

Research Associate

Project, "Cytogenetic characterization and molecular FISH studies in candidate cow bulls for genetic improvement in Punjab Province" at Animal Genomics Lab, University of Veterinary & Animal Science, Lahore. Pakistan.

Related skills: cytogenetic techniques (chromosomal preparation, karyotyping, and analysis of chromosomes).

(2012-2013)

Research Associate (Volunteer)

Project, " Enhancement of cost effective mutton production through genetically enhanced prolificacy" at Animal Genomics Lab, University of Veterinary & Animal Science, Lahore. Pakistan.

Related skills: DNA Extraction, PCR, Gel Electrophoresis, Sequencing & Genotyping.

(2011-2012)

Research Associate

Project, " Development of meat type bird acclimatized to indigenous conditions through six generation of selective breeding program "at Avian Research & Training Centre, University of Veterinary & Animal Science, Lahore Pakistan.

Related skills: statistical genetic tools, statistical analysis softwares, managing the quail breeder and broiler in battery cages, and computerized record keeping.

EDUCATION AND TRAINING

(2011-2013)

M.Phil. (Breeding and Genetics) 3.57/4 CGPA

Major subjects: Molecular Genetics, Population Genetics, Genetics & Breeding, Theory of Genetic Selection.

Minor subjects: Biochemistry, Statistics

Institution: University of Veterinary & Animal Science, Lahore. Pakistan.

(2007-2011)

BS(Hons) 3.27/4 CGPA

Major subjects: Physiology, Genetics, Nutrition.

Minor subjects: English, Statistics, Biochemistry, Technical writing skills, Computer

Institution: University of Veterinary & Animal Science, Lahore Pakistan.

Further educational detail can be provided if needed.

PERSONAL SKILLS

Mother tongue(s) Urdu

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1/2	B1/2	B1/2	B1/2	B1/2
Urdu	A1/2	A1/2	A1/2	A1/2	A1/2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

- Strong verbal and written communication skills acquired through participation in different conferences and meetings with delegates.
- Project drafting and report writing.

Organisational / managerial skills Demonstration and conductance of practical classes at undergraduate level in the subjects of Animal Genetics (Molecular Genetics, Poultry Breeding & Genetics). Participated in organizing conferences at my home department.

Research related skills

DNA Extraction
Cytogenetics & Karyotyping
Polymerase Chain Reaction (PCR)
Gel electrophoresis
DNA Genotyping & Sequencing
Statistical Genetic Tools

Computer skills

Windows (software, hardware)
MS Office
Surfing and Browsing
Karyotyping Software
Statistical Genetics

Other skills

Good cricket player (all-rounder)
Problem solver; Excellent Interpersonal skills
Enthusiastic and Assertive
Work well under pressure, Flexible and Quick learner
Good leadership qualities and can convince others.

Publications

Cytogenetic analysis related to infertility problems in buffalo in Pakistan. The Journal of Animal & Plant Sciences, in final review.
 Detection of IGF-1 gene polymorphism in native Aseel chicken of Pakistan. The Journal of Animal & Plant Sciences, in review.
 Physicochemical and sensory characteristics of feta cheese made from sheep milk blends. The Journal of Animal & Plant Sciences, submitted.

Presentations

Oral presentation on "cytogenetic investigation of repeat breeder cows". Pakistan Congress of Zoology (International). April 2-4, 2013.
 Oral presentation on "effect of Parental age on progeny performance of four close-bred stocks of Japanese Quail". National Science Conference on Agriculture and food security issues in global environmental perspectives. Organized by Faculty of Agriculture, University of Poonch, Rawlakot, Azad Jammu and Kashmir. July 11-13, 2012.
 Oral presentation on "growth performance of four close-bred stocks of Japanese Quail reared on three feed restriction regimes". National Science conference on "Road map of cutting edge technologies. Organized by Arid Agriculture University, Rawalpindi. January 10-12, 2012.
 Growth Performance of four varieties of indigenous Aseel Chicken in Pakistan. National Science Conference on Agriculture and food security issues in global environmental perspectives. Organized by Faculty of Agriculture, University of Poonch, Rawlakot, Azad Jammu and Kashmir. July 11-13, 2012.
 Productive performance and hatching traits in four close-bred stocks of Japanese Quail influence by various male to female ratios. National Science conference on "Road map of cutting edge technologies. Organized by Arid Agriculture University, Rawalpindi. January 10-12, 2012.
 Response of parental age on productive performance in four close-bred stocks of Japanese quail. National Science conference on "Road map of cutting edge technologies. Organized by Arid Agriculture University, Rawalpindi. January 10-12, 2012.

Projects

Research associate - Cytogenetic characterization and molecular FISH studies in candidate cow bulls for genetic improvement in Punjab Province. Department of Livestock Production, UVAS, Lahore.
 Research associate - Enhancement of cost effective mutton production through genetically enhanced prolificacy. Department of Livestock Production, UVAS, Lahore.
 Research associate - Development of meat type birds acclimatized to indigenous condition through six generations of selective breeding program. Department of Poultry Production, UVAS, Lahore.

Conferences

Pakistan congress of zoology (International) (April 2-4, 2013) organized by Pakistan Society of Zoology.
 International Science conference on "Agriculture and food security issues in global environment perspectives" (July 11-13, 2012) organized by University of Poonch, Rawalakot.
 National Science conference on "Road map of cutting edge technologies" (January 10-12, 2012) organized by Arid Agriculture University, Rawalpindi.
 International conference on "Latest techniques for conversion of animal genetic resources in Pakistan" (September 14-15, 2011) organized by institute of biochemistry and biotechnology UVAS, Lahore
 Institutional capacity building conference & workshop for genetic improvement and fertility enhancement in livestock through clinical cytogenetic (January 10-11, 2012) organized by UVAS Ravi campus, Pattoki.
 Training series on "Buffalo Production Genomics & Genetics" (May 28-June 15, 2012) organized by UVAS Ravi campus, Pattoki.

Membership

National Academy of Young Scientist
 Member & co-ordinator of Vet Blood Donor Society.
 Member of Pet Club.

References

Prof. Dr. Khalid Javed (0300-6690094)
 Chairman department of livestock production.
 University of Veterinary & Animal Science, Lahore. Pakistan.
 Assit Prof. Dr. Muhammad Yasir Zahoor
 Institute of biotechnology & biochemistry.
 University of Veterinary & Animal Science, Lahore. Pakistan.
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