

Naveed Khan



+92-303-8788234 • naveedkhan@awkum.edu.pk

Objective

TO FIND A POSITION IN A WORLD CLASS LAB, ENGAGED IN COMPARATIVE AND EVOLUTIONARY GENOMICS, WHERE I CAN ENHANCE MY KNOWLEDGE AND SKILLS TO HAVE A SUCCESSFUL CAREER IN THIS PARTICULAR FIELD OF STUDY

Key Skills

Language skill:

English, Urdu and Pashto

Techniques learnt and professional experience:

DNA/RNA extraction and purification from Human samples, Bacteria and viruses; Polymerase Chain Reaction (Conventional and Real Time PCR); Genetic mapping using SNP and SSR typing; Measuring Genetic diversity using RAPDs and STRs; Restriction digestion analysis; PAGE; SDS-PAGE; DNA Sequencing; Cloning techniques and DNA/RNA quantification techniques.

Computer/ Bioinformatics Software's Skills

Microsoft Word, MS Excel, MS Power point, Super link-online, Easy linkage, Haplotyper, Bio Edit, Endnote X6, Pop gene, NAB Cutter, SIFT, Poly Phen, Primer3, BLAST analysis, Clustal W and Genomic database searching

Education

Quaid/I/Azam University, Islamabad, Pakistan

M.Phil (Two Gold Medals) in Biotechnology (Specialization in Human/ medical Genetics) (2011 to 2013)

Hazara University, Mansehra, KP, Pakistan

M.Sc (Two Gold Medals) in Genetics (Specialization in Human Genetics) (2008 to 2010)

University of Peshawar, Pakistan, Govt. post graduate college Swabi, KP

B.Sc (2 year) (2005 to 2007)

Major subjects: Botany, Zoology and Chemistry

BISE Mardan, KP, Pakistan, Govt. post graduate college Swabi, KP

F.Sc (Pre-medical) (2003 to 2005)

BISE Mardan, KP, Pakistan, Govt. high school Swabi, KP

SSc (science group) (2001 to 2003)

Major Courses Studied

Population Genetics, Human genetics, Genomics, Cytogenetics, Molecular Genetics, Microbial Genetics, developmental Genetics, Biometry, Bioinformatics, Advances in molecular biology, Techniques in molecular biology, Gene cloning and DNA analysis, Molecular biotechnology, Introduction to Biotechnology, Bioprocess technology, Transgenic research, Genetic engineering, Chemical pathology, Bioethics and dual use education, Plant breeding and Genetics, Presented one credit hour seminar on cancer Genetics.

Major courses currently teaching

Advances in Genomics, Genetics, Conservation Genetics, Health Biotechnology, Psychology

Thesis topic in M. Phil:

Genetic mapping of inherited Syndactyly in Pakistani families through SSRs

Group work in M. Phil:

SNP association study in Parkinson disease

Thesis topic in M.Sc:

Molecular characterization of β -Thalassemia through ARMS PCR

Group work in M.Sc:

Phylogenetic analysis of ethnics groups of Hazara division through Y- STRs.

Presentations/ workshop/seminar attended

1. 12th National and 3rd International Conference of Botany Organized by Department of Plant sciences Quaid-I-Azam university, Islamabad, Pakistan (1-3rd September 2012).
2. National symposium on project planning and report writing organized by Department of Genetics and Department of Zoology, Hazara university (July 2010)

Achievements

1. M.Sc with Distinction (Gold medal)
2. Best student of the year for securing first position at university level for the year 2010 (Gold medal)
3. M.Phil with Distinction (Gold medal)
4. Presidential Medal for securing 1st Position at the Faculty of Biological Sciences, Quaid-e-Azam University Islamabad.

Professional Experience

Lecturer at Department of Biotechnology, Abdul Wali Khan University Mardan, Pakistan (August 2014- to date)

Hobbies and interest

Literature, Philosophy, music, watching & playing Football

References**Reference 1:**

Dr. Muhammad Naeem

Associate Professor,

Department of Biotechnology Quaid-i-Azam University Islamabad, Pakistan

[Email: mnaeem@qau.edu.pk](mailto:mnaeem@qau.edu.pk)

Cell No +92-3335324922

Reference 2:

Dr. Ayaz Ahmad

Assistant Professor,

Department of Biotechnology, AWKUM, KP, Pakistan

[Email: ahdazb5@awkum.edu.pk](mailto:ahdayazb5@awkum.edu.pk)

Cell No +92-300-9598201

Reference 3:

Dr. Raham Sher Khan

Associate Professor,

Department of Biotechnology, AWKUM, KP, Pakistan

[Email: rahamsheer@awkum.edu.pk](mailto:rahamsheer@awkum.edu.pk)

Cell No +92-937-542046
