

## **Arifa Farooqi**

Batkhela Malakand, KPK Pakistan

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### **PROFILE**

An energetic, flexible and dedicated person with more than 5 years of teaching experience at university level. Calm, polite and patient individual with excellent team work and creative thinking skills, now seeking to utilize these skills further in the of field Crop Science research.

### **KEY SKILLS**

- An excellent explaining, presenting and organisational skills
- Planning, goal setting and time management skill
- Ability to work independently and as part of a team to interact with other research groups as part of a multi-disciplinary research program
- Understanding and application of molecular tools to dissect and understand fundamental biological processes at molecular level
- A good level of computer skills necessary for molecular biology analysis, reports preparation and statistical analysis of data
- Recent knowledge of bioinformatics
- Ability to initiate and conduct original research and to prepare and publish the results of research and complete and submit project reports within required timeframes
- Excellent communication skills

### **EMPLOYMENT DETAILS**

#### **Lecturer in Biotechnology**

September 2006 to present

University of Malakand, KPK Pakistan

Duties and responsibilities:

- Member of Advance Studies and Research Board University of Malakand
- Teaching science subjects to mixed abilities and ages using multimedia and white board.
- Initiating and conducting original research and to prepare and publish the results of the research
- Research student supervision
- Conducting practical and laboratory
- Organising events like conferences, workshops and symposiums.
- Organising study trips.

#### **Research Officer**

January, 2005 to April 2006

KPK Agricultural University Peshawar, Pakistan

Duties and responsibilities:

- Molecular Characterization and evaluation of genetic diversity of Wheat germplasm selected for ergonomically important traits.
- DNA Extraction, Gel electrophoresis and use of PCR using RAPD and SSR markers.
- Producing reports about the analysis and results.
- Giving oral presentation about results and analysis

## QUALIFICATIONS AND TRAINING

Degree	UK NARIC Equivalent	Subject	Institute/University	Year	% age
PTLLS	Level 4	Prepare to Teach in lifelong learning sector	Leicester College, UK	2010	
M. Phil	Level 4	Biotechnology & Genetic Engineering	KPK Agricultural University Peshawar, Pakistan	2004-2006	87.95
B.Sc. (Hons)	Level 4	Plant Breeding and Genetics	KPK Agricultural University Peshawar, Pakistan	1999-2003	86.07
HSSC	A Levels	Botany, Zoology, Chemistry, Physics	Govt: College, Pakistan	1997-1999	63.8
SSC	O Levels	Science	Govt: School, Pakistan	1997	78.7

### Awards and distinctions:

- President of Pakistan award in BSc (Hons)
- Over all Second position in MPhil
- Merits Certificates in A-Levels

### Publications

Habib, R., Maroof, M., Munir, I., Ahmed, Z., **Farooqi, A.**, Ali, W. & Muhammad, A. 2006, "Assessment of genetic variability in synthetic hexaploid wheat conferring resistance against Fusarium head blight", *Pakistan Journal of Biological Sciences*, vol. 9.

Durrishahwar, H. Rahman, Iftikhar H., **Farooqi, A.** & Rakhshanda H., 2006, "Magnitude of Heterosis for morphological and yield traits in sunflower" *Pakistan Journal of Plant Sciences* vol 12, no 2.

Khalil, I., **Farooqi, A.** & Subhan, R.F. 2004, "Selection differential and genetic gain for grain yield in wheat.", *Sarhad Journal of Agriculture*, vol. 20, no. 4.

### M. Phill Research

"Genetic diversity among advanced generation wheat lines selected for agronomically important traits"

### B.Sc (Hons) Research

"Selection differential and genetic gain for grain yield in wheat"

## REFERENCES

### Dr. Iqbal Munir

Assistant Professor

Institute of Bio-Technology & Genetic Engineering, NWFP Agricultural University, Pakistan

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### Professor Zahoor Ahmad Swati

Director

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