

CURRICULUM VITAE

ADIL HUSSAIN

Assistant Professor
Department of Agriculture, AWKUM
Khyber Pakhtunkhwa, Pakistan



CONTACT INFORMATION					
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PERSONAL INFORMATION					
Father name	Fazal Hussain				
CNIC No.	17201-2219712-7				
Marital status	Married				
Religion	Islam				
Domicile	Nowshera, NWFP				
D.O.B	20-07-1983				
ACADEMIC QUALIFICATION					
S #	Name of Board/ University	Exam. with year of passing	Division/ distinction	Marks Obtained	Total Marks
1	Federal Board of Intermediate and Secondary Education Islamabad	Matric (2000)	1 st	555	850
2	Board of Intermediate and Secondary Education Mardan	F.Sc (Pre-Medical) 2002	1 st	729	1100
3	K.P. Agricultural University Peshawar	B.Sc (Hons) Agriculture 2006	1 st (Gold Medal)	CGPA 3.85	Total GPA 4
4	Department of Plant Pathology, Faculty of Crop Protection Sciences K.P.K Agricultural University Peshawar	M.Sc (Hons) Agriculture with specialization in plant pathology (2009)	1 st (Gold Medal)	CGPA 3.95	Total GPA 4

5	Institute of Molecular Plant Sciences, School of Biological Sciences, University of Edinburgh	Ph.D. in Cell and Molecular Biology (2013)	-	-	-
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DISTINCTIONS

- FAO-IPC certified level 01 trainer on food security.
- Awarded “HEC Overseas PhD scholarship in selected fields” 2010.
- First Position in the Faculty of Crop Protection Sciences and Department of Plant Pathology in M.Sc (Hons) and awarded “**Gold Medal**”.
- First Position in Faculty of Crop Protection Sciences and Department of Plant Pathology in B.Sc (Hons) and awarded “**Gold Medal**”.

WORK EXPERIENCE

- Serving as Assistant Professor (TTS) in Department of Agriculture, Abdul Wali Khan University, Mardan since August, 2014
- Worked as a Under-graduate demonstrator and tutor at the University of Edinburgh.
- Worked as “Research Associate in HEC funded project “Incidence and management of mosaic diseases of cucurbits in NWFP” for 2 years.
- Served “Pakistan Tobacco Company” as Business Support Officer (BSO).
- Internship on “Integrated control of *Colletotrichum gloeosporioides* by fungicides and *Trichoderma* isolates” at N.W.F.P Agricultural University Peshawar.

FORMAL TRAININGS/WORKSHOPS

S#	Name of Institution	Type of Training	Period From to
1	Food and Agriculture Organization	Workshop on Integrated Food Security Phase Classification in Khyber Pakhtunkhwa (Level 02)	10 th to 13 th August, 2014.
1	Food and Agriculture Organization	Workshop on Integrated Food Security Phase Classification in Khyber Pakhtunkhwa (Level 01)	21 st to 29 th March, 2014.
2	Institute of Molecular Plant Sciences, School of Biological Sciences, University of Edinburgh.	Introduction to Biosafety	1day (5 th October, 2010)
3	Institute of Molecular Plant Sciences, School of Biological Sciences, University of Edinburgh.	Safety Induction Training	1 day (1 st October, 2010)
4	Agriculture Training Institute,	Integrated Management of Fruit	2 days

	Department of Agriculture Extension K.P.K.	fly and termites	(13 th – 14 th May, 2009)
5	Department of Plant Pathology, NWFP Agricultural University Peshawar.	Research techniques in Nematology	7 days (3 rd – 9 th May, 2007)
6	Agriculture Training Institute, Department of Agriculture Extension K.P.K.	Transfer of modern technology to the farmers	6 days 25 th – 30 th April, 2009)
7	Pakistan Academy of Rural Development, Peshawar.	Population explosion and its impact on socio-economic development of the country	5 days (16 th – 20 th March, 2009)
8	Establishment Division, Government of Pakistan.	National Internship Program	1 year 31 st July 2007 to 30 th July, 2008)
9	Radio Pakistan, Kohat Center	30 min radio program on advanced agricultural techniques	April, 2009 to date

RESEARCH

S#	Nature of Research	Name of Institution	Name of Professor
1	3 years of PhD research in Molecular Biology and Biotechnology	Institute of Molecular Plant Sciences, University of Edinburgh	Prof. Gary Loake
2	2 years of research in HEC funded project as Research Associate	Department of Plant Pathology, K.P.K Agricultural University	Dr. Asad Ali
3	1 year of M.Sc (Hons) research	Department of Plant Pathology, K.P.K Agricultural University	Dr. Asad Ali
4	6 months of B.Sc (Hons) research	Department of Plant Pathology, K.P.K Agricultural University	Dr. Fazli Raziq

PUBLICATIONS

Xinli Sun, Eleanor M. Gilroy, Andrea Chini, Pedro L. Nurnberg, Ingo Hein, Christophe Lacomme, Paul R. J. Birch, **Adil Hussain**, Byung-Wook Yun and Gary J. Loake. 2011. New Phytologist. ADS1 encodes a MATE-transporter that negatively regulates plant disease resistance. **New Phytologist**. 192: 471-482.

Saad I. Malik, **Adil Hussain**, Byung-Wook Yun, Steven H. Spoel and Gary J. Loake. 2011. GSNOR-mediated de-nitrosylation in the plant defence response. **Plant Science**. 181. 540-544.

Ishrat Naz, Hakim Khan, Asad Ali, Musharaf Ahmad and **Adil Hussain**. 2009. Effect of various sowing dates and cultivars on the management of okra root rot under natural field conditions. **Sarhad J. Agric**. 25(2): 251-260.

Adil Hussain., Fazli Raziq and Hakim Khan. 2007. In Vitro Integrated Control of Colletotrichum gloeosporioides with Trichoderma spp. and reduced doses of fungicides. **Sarhad J. Agric.** 24 (1): 79-84.

PRESENTATIONS

- Representing Khyber Pakhtunkwa province during the launch of the Integrated Food Security Phase classification analysis of Pakistan for the year 2014, in the FAO, IPC level 02 workshop in Islamabad on 10th to 13th August, 2014.
- Poster Presentation at the Institute of Molecular Plant Sciences symposium.
- Poster presentation at the United Kingdom Plant Science Conference, Dundee, Scotland April, 2013.
- Incidence of *Cucumber green mottle mosaic virus* in cucurbit crops of N.W.F.P.
- Control of seed transmission of *Cucumber green mottle mosaic tobamovirus* in *Lageneria siceraria* seeds through thermotherapy and chemotherapy.

EMPLOYMENT RECORD

S #	Name of Institute/ Organization	Period	Designation	BPS	Job Description (Teaching/Research/ Admin)
		From – To			
1	IMPS, University of Edinburgh	3 years (Sept. 2010 to Sept. 2013)	Demonstrator	Grade 5	Research/ Teaching
2	IMPS, University of Edinburgh	3 years (Sept. 2010 to Sept. 2013)	Tutor	Grade 6	Research/ Teaching
3	Department of Plant Pathology K.P.K Agricultural University Peshawar	2 years May, 2007 to May 2009 Project No. 20- 845/R & D/07/228	Research Associate	BPS 16	Research
4	Pakistan Tobacco Company, Akora Khattaq Factory	5 months	Business Support Officer		Admin
5	K.P.K Agriculture Extension Department	February, 2009 - till date	Agriculture Officer	17	Research Extension/ Admin

CONFERENCES/SEMINARS

Seminar on the **Role of the tomato GSNOR** in plant development and disease resistance in the IMPS forum.

Presented Poster in the International **UK Plant Science Conference 2013** (16th – 17th April, 2013)

Presented Poster at the IMPS symposium – 2012.

Attended the International Part-time Researcher Conference at Edinburgh UK – 2010

MEMBERSHIPS OF LEARNED SOCIETIES/ORGANIZATIONS

1. Member of British society of Plant Pathology
2. Member of the Pakistan Phytopathological Society
3. Member of the Provincial Working Group of Food and Agriculture Organization, Khyber Pakhtunkhwa, Pakistan.
4. Focal Person for the 6-month condensed course for Field Assistants, Khyber Pakhtunkhwa Agriculture Extension Department, district Kohat.

REVIEWER FOR JOURNALS

Pakistan journal of agricultural sciences, Faisalabad

Journal of Food Chemistry-Elsevier

REFERENCES

Professor Gary Loake
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