

CURRICULUM VITAE

GHULAM MUSTAFA SAHI

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PAKISTAN.

Date of Birth: - **22-02-1978.**

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EMPLOYMENT

Lecturer,
Department of Plant Pathology,
University of Agriculture,
Faisalabad, PAKISTAN.

(Currently engaged as IDB Merit Scholar at University of Edinburgh, Scotland, U.K under IDB Merit Scholarship Programme)

EDUCATIONAL RECORD

<i>Session</i>	<i>Degree</i>	<i>Division/Grade</i>	<i>Institute/University</i>
2000-2002	M.Sc (Hons) Agriculture	Ist Div.	Department of Plant Pathology, University of Agriculture, Faisalabad.
1996-2000	B.Sc (Hons) Agriculture	Ist Div.	Department of Plant Pathology, University of Agriculture, Faisalabad.
1993-1995	F.Sc (Pre-Medical)	Ist Div.	Govt. Islamia College Civil Lines, BISE, Lahore.
1992-1993	Matric	Ist Div.	The Radiant Way School, Samanabad, BISE, Lahore.

M.Sc (Hons.) THESIS

“Host range, Transmission and some properties of Sugarcane Mosaic Potyvirus (SCMV).”

DISTINCTIONS/AWARDS

1. **BISE, Lahore internal merit scholarship.**
2. **Won Silver Medal and Second Position** in B.Sc (Hons) Agriculture (with 87.03% marks), University of Agriculture, Faisalabad. Session 1995-2000.
3. **University Merit Scholarship** in B.Sc (Hons) Agriculture.
4. **Ch.M.Ashraf Nagra Trust Scholarship** in B.Sc (Hons) Agriculture
5. **First Position** in M.Sc. (Hons) examination in the Department of Plant Pathology (with 89.22% marks), University of Agriculture, Faisalabad. Session 2000-2002.
6. **Sir William Robert Merit Scholarship** in M.Sc (Hons).
7. **IDB Merit Scholarship** for Ph.D studies

COMPUTER SKILLS

- MS Office (Word, Excel, Power Point)
- Star Office, Multimedia, MSTAT C, Internet.
- Computer applications in Statistics.

MEMBERSHIP

“Pakistan Phytopathological Society”

CERTIFICATES

1. Certificate of Excellence for winning Silver medal on the completion of B.Sc (Hons.Agriculture Degree, Dean, Faculty of Agriculture, University of Agriculture, Faisalabad.
2. Certificate of Excellence for maintaining highest CGPA (4.00/4.00)and for the dynamic participation in academic and co-curricular activities; Dean, Faculty of Agriculture, University of Agriculture, Faisalabad.
3. Certificate of Services rendered to The National Cadet Corps (20-01-94 to 26-09-94), Director, National Cadet Corps and Women Guards.
4. Certificate on the completion (06-03-2002 to 18-05-2002) of “German as a Foreign Language Course-I”; Division of Education & Extension, University of Agriculture, Faisalabad.
5. Certificate on the completion of “Bee Keeping Course” (); Division of Education & Extension, University of Agriculture, Faisalabad.
6. Certificate of Honour for “Press Secretary (Session 1995-96), General Secretary (Session 1996-97), Vice President (Session 1997-98), and President (Session 1998-2000), respectively of the Tutorial Group-Y, University of Agriculture, Faisalabad.
7. Certificate of Honour for outstanding contribution on Independence Day Celebration,14th August-2001; University of Agriculture, Faisalabad.
8. Certificate of participation on successful completion of National In-service Training course on “Word Processing with MS Word”, Pakistan Manpower Institute; Labour, Manpower and Overseas Pakistani Division, Islamabad.

PROOF OF ENGLISH LANGUAGE PROFICIENCY

(ACADEMIC)

IELTS Test Result (26-07-2008), Test Report Form No:-08PK003864SAHGO11A

Writing 6.5 Speaking 6.5 Reading 6.0 Listening 7.0

Overall Band Score 6.5

PROFESSIONAL EXPERIENCE

RESEARCHER

Jan.2003-Aug.2003

TRAINEE RESEARCH FELLOW (T.R.F)

Nov.2003-Feb.2004

Molecular Virology Laboratory,
National Institute for Biotechnology & Genetic Engineering (NIBGE), Faisalabad.
Pakistan Atomic Energy Commission (P.A.E.C)

Main responsibilities:-

“Molecular Characterization of Burewala strain of Cotton Leaf Curl Virus (CLCuV)”

- Isolation and molecular characterization of Cotton Leaf Curl Virus (CLCuV)
 - Extraction of DNA.
 - Preparation of vector and foreign DNA fragments.
 - Ligation of vector and foreign DNA fragments.
 - Preparation of competent Bacterial cells.
 - Transformation of ligation in competent bacterial cells.
 - Selection of Transformants.
 - Analysis of Recombinants
- Glass house screening of Cotton germplasm for the sources of resistance against CLCuV.

SCIENTIFIC OFFICER

Feb.2004-June.2006

Crop Diseases Research Programme (CDRP),
Institute of Plant and Environmental Protection (IPEP),
National Agriculture Research Centre (NARC),
Pakistan Agriculture Research Council (PARC), Islamabad.

Main responsibilities:-

Wheat Pathology Research Group

- Collection, revival, increase and preservation of rust inoculum in the glass house for field inoculation; and its supply to the wheat breeding stations for creating artificial rust epidemic in the breeding nurseries.
- Evaluation of candidate lines against Stripe & Leaf rusts under NUWYT.
- Screening of exotic wheat material against Stripe and Leaf rusts.
- Screening of exotic wheat material against Kernal Bunt disease of wheat.
- Virulence analysis of Stripe and Leaf rusts.

SEED ANALYST

June.2006-Mar.2008

Central Seed Health Testing Laboratory (CSHTL),
Federal Seed Certification & Registration Department (FSC&RD),
Maive Area, G-9/4.Islamabad, Pakistan.

Main responsibilities:-

- Seed Health testing of all crops including imported seed.
- Viral testing of crops, potato and fruit plants.
- Matters relating to Sanitary and Phytosanitary Measures (SPS), International convention on Plant Protection (ICPP), World Biological Convention (WBC), and National Animal & Plant Health Convention (NAPHIS).
- Project Incharge, FSC&RD Component “Strengthening of Seed Health Laboratories for SPS Measures—Special Programme for Strengthening SPS Facilities and quality Inspection services in Compliance with WTO—Establishment of an Integrated National Animal and Plant Health Inspection Services (NAPHIS)”.
- Imparting training to the professionals in the diagnostic techniques.

LECTURER

April.2008-To date

Department of Plant Pathology,
University of Agriculture,
Faisalabad, Pakistan.

Main responsibilities:-

- Teaching of courses at under-graduate and post graduate level.
- Conduction of practicals, demonstration and training of the students.
- Monitoring and evaluation of field trials and research activities of the students.
- Dealing with the issues and matters assigned by the head of the department.

TRAININGS

1. Travelling Wheat Seminar, 2005: organized by Co-ordinated Wheat Programme, NARC, Park Road, Islamabad.
2. Training course on “Disease free Seed Potato Production through Tissue culture”, Dec.26-30, 2005; organized by IABGR, NARC, Park road, Islamabad.
3. Travelling wheat seminar, 2006: organized by Co-ordinated Wheat Programme, NARC, Park Road, Islamabad.
4. One day National Workshop on Plant Variety Protection under The UPOV Convention,20th Jan.,2007:organized by Ministry of Food, Agriculture & Livestock In Collaboration with The International Union For The Protection Of New Varieties Of Plants(UPOV)& Pakistan Agricultural Research Council, Islamabad.
5. First ECO Workshop on Harmonization of Seed Regulations, Jan.17-19, 2007: organized by Ministry of Food, Agriculture & Livestock in Collaboration with ICARDA & FAO.
6. Training in Notification Process & Transparency Requirement under WTO Agreement on SPS,Jan.22-23,2007:organized by WTO Unit, Ministry of Food, Agriculture& Livestock, Government of Pakistan.
7. Ist Planning Workshop of Pakistan-Australia Agriculture sector Linkages Programme on Development of Integrated Crop Management Practices To Increase Sustainable Yield & Quality of Mangoes In Pakistan & Australia,Feb.25th -27th ,2007:organized by PARC,Pakistan and Australian Centre for International Agriculture Research(ACIAR)
8. National Training Course on Vegetable Seed Health,March28-31,2007:organized by Federal Seed Certification & Registration Department(FSC&RD),Department of Agriculture, Northern Areas & Agha Khan Rural Support Programme(AKRSP).Pakistan.
9. National Training Seminar on Biosafety and Biosecurity Initiatives, June 18-19, 2007: Organised by Pakistan Agriculture Research Council, Islamabad, Pakistan.
10. Training Course on Accreditation (ISO-17025), June 27-30, 2007: organized by Grain Quality Testing Laboratory & Training Institute NARC, Park Road, Islamabad.

PUBLICATIONS/ABSTRACTS

1. Hassan,M.,**Sahi,G.M**,Wakil.W and Imanat,Y.2003.Aphid transmission of sugarcane Mosaic Virus (SCMV) .Pakistan Journal of Agricultural Sciences.Vol.40(1):1-3
2. Rattu,A.R.,M.Fayyaz,L.K.Khokhar,**G.M.Sahi**,I.Ahmad,J.I.Mirza,A.A.Hakro,andE.U.Haq.2005.In abstract :Evaluation of Cadidate lines/varieties against Leaf and Yellow rust under National Uniform Wheat and Barley Yield Trials(NUWYT).International symposium on recent trends in plant disease management,5th National conference of Plant Pathology, Department of Botany, University of Karachi,20-22 December 2005.p25.
3. M.Fayyaz, Rattu, A.R, I.Ahmad, J.I.Mirza, L.K.Khokhar, **G.M.Sahi**, A.A.Hakro and E.U.Haq 2005. In abstract: Screening of advance lines against leaf and yellow rust under National Wheat Diseases Screening Nursery(NWDSN) .International symposium on recent trends in plant disease management,5th National conference of Plant Pathology, Department of Botany, University of Karachi,20-22 December 2005.p26.
4. Ahmad, I., Mujeeb Kazi, S.Rizwan, **G.M.Sahi**, J.I.Mirza, and M.Ashraf.In abstract: Evaluation of synthetic Hexaploid of wheat for Stripe Rust resistance in Pakistan. International Wheat Seminar. Wheat Research Institute, Faisalabad, Pakistan.20-22.February, 2006.
5. Ahmad, I., Mujeeb Kazi, J.I.Mirza, **G.M.Sahi**, M.Fayyaz, and L.K.Khokhar.In abstract: Monitoring Wheat Yellow Rust Pathogen in Pakistan. International Wheat Seminar. Wheat Research Institute, Faisalabad, Pakistan, 20-22.February, 2006.p72.
6. Ahmad, I., Mujeeb Kazi, S.Rizwan, **G.M.Sahi**, J.I.Mirza, and M.Ashraf.In abstract: Identification of sources of resistance to yellow rust of wheat. .International Wheat Seminar. Wheat Research Institute, Faisalabad, Pakistan, 20-22.February, 2006.p73.
7. Ahmad, I., Mujeeb Kazi, S.Rizwan, **G.M.Sahi**, J.I.Mirza, and M.Ashraf.In abstract: Evaluation of some Synthetic Hexaploid wheats and their durum parents for stripe rust resistance in Pakistan. Third regional Yellow Rust Conference: Tashkent, Uzbekistan, June 8-11, 2006.p44.
8. **Sahi, G.M**, I.Ahmad, S.Rizwan, J.I.Mirza, A.Rehman, and M.Ashraf. In abstract: Virulence variation of *Puccinia striiformis* f.sp.tritici in Pakistan. Third Regional Yellow Rust Conference: Taskent, Uzbekistan, June 8-11, 2006.p48.
9. Rizwan, S., I.Ahmad, M.Ashraf, **G.M.Sahi**, J.I.Mirza, A.R.Rattu, and Abdul Majeed Kazi.2007.New sources of wheat yellow rust (*Puccinia striiformis* f.sp.tritici) seedling resistance. Pakistan Journal of Botany.Vol 39(2):595-602.
10. Rizwan, S., I.Ahmad, M.Ashraf, J.I.Mirza, **G.M.Sahi**, A.R.Rattu, and Abdul Majeed Kazi.2007.Evaluation of synthetic hexaploid wheats and their durum parents for stripe rust resistance. Mexican Phytopathology.

REFERENCES

Furnished on request.