

CURRICULUM VITAE

Name	Rozina Gul
Personal	<p>Religion: Islam</p> <p>Nationality: Pakistani</p> <p>Address: Gul colony Tehkal Palosi Road Palosi Talarzai. P-O University of Peshawar.</p> <p>NIC #: 16202-8764972-0</p> <p>Date of Birth: 10 / 04 / 1971</p> <p>E mail: drrozinakhan@yahoo.com</p> <p>Phone #: Home: +92-091 5702714, Office: 9216892, Ext: 3224</p>
Experience	<ol style="list-style-type: none"> 1. Date: 29 Dec 2009 Onward Title: Assistant professor (BPS-19) Institution: Dept. of plant Breeding & genetics, KPK Agricultural University Peshawar, Pakistan. 2. Date: 27th February 2007 – 28 Dec 2009 Title: Lecture (BPS-18) Institution: Dept. of plant Breeding & genetics, KPK Agricultural University Peshawar, Pakistan. 3. Date: 18th January 2005 – 26th February 2007 Title: Lecture (BPS-17) Institution: Dept. of plant Breeding & genetics, KPK Agricultural University Peshawar, Pakistan. 4. Date: January, 2001 – 17th January 2005 Title: Lecturer (BPS-17) Institution: KPK Agricultural University Public School & Collage (Girls) Peshawar, Pakistan 5. Date: October 2002 – January 2005 Title: Controller of Examination

	<p>Institution: KPK Agric. Uni. Public School & Collage (Girls) Peshawa.</p> <p>6. Date: March 2003 – February 2004</p> <p>Title: Head of Discipline Committee.</p> <p>Institution: KPK Agricultural University Public School & Collage (Girls) Peshawar, Pakistan</p>																																																																		
Honors or Awards	<ul style="list-style-type: none"> • High Performance / Best Teacher Award 2003-2004 KPK Agricultural Uni. Public School & Collage (Girls) Peshawar, Pakistan • Won IRSIP scholarship for performing molecular research of my PhD work at Japan. • HEC approved Supervisor 																																																																		
Supervision of Students	<p>Co. Supervisor of PhD scholar Obaidullah (HEC funded)</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Degree</th> <th>Name</th> </tr> </thead> <tbody> <tr><td>1. 2009</td><td>Mphil / Msc(Hons)</td><td>Lubna Naz</td></tr> <tr><td>2. 2011</td><td>Mphil / Msc(Hons)</td><td>Maryam Bibi</td></tr> <tr><td>3. 2011</td><td>Mphil / Msc(Hons)</td><td>Qurratulain</td></tr> <tr><td>4. 2011</td><td>Mphil / Msc(Hons)</td><td>Zahid Hussain</td></tr> <tr><td>5. 2012</td><td>Mphil / Msc(Hons)</td><td>Mehran Ahmed</td></tr> <tr><td>6. 2012</td><td>Mphil / Msc(Hons)</td><td>Adil</td></tr> <tr><td>7. 2012</td><td>Mphil / Msc(Hons))</td><td>Abid</td></tr> <tr><td>8. 2006</td><td>MSc / Bsc(Hons)</td><td>Nazia</td></tr> <tr><td>9. 2007</td><td>MSc / Bsc(Hons)</td><td>Nazma Naeem</td></tr> <tr><td>10. 2007</td><td>MSc / Bsc(Hons)</td><td>Sabra Begum</td></tr> <tr><td>11. 2009</td><td>MSc / Bsc(Hons)</td><td>Shadman</td></tr> <tr><td>12. 2009</td><td>MSc / Bsc(Hons)</td><td>M.Zulfiqar Ali</td></tr> <tr><td>13. 2010</td><td>MSc / Bsc(Hons)</td><td>Ghulamullah</td></tr> <tr><td>14. 2010</td><td>MSc / Bsc(Hons)</td><td>Yasir Khan</td></tr> <tr><td>15. 2010</td><td>MSc / Bsc(Hons)</td><td>Ilyas Khan</td></tr> <tr><td>16. 2011</td><td>MSc / Bsc(Hons)</td><td>Nauman Saleem</td></tr> <tr><td>17. 2011</td><td>MSc / Bsc(Hons)</td><td>Muhammad Hamayoon</td></tr> <tr><td>18. 2011</td><td>MSc / Bsc(Hons)</td><td>Abid Ali</td></tr> <tr><td>19. 2011</td><td>MSc / Bsc(Hons)</td><td>Aziz-ul- wahab</td></tr> <tr><td>20. 2012</td><td>MSc / Bsc(Hons)</td><td>Fale Ahad</td></tr> <tr><td>21. 2012</td><td>MSc / Bsc(Hons)</td><td>Muhammad Adnan</td></tr> </tbody> </table>	Year	Degree	Name	1. 2009	Mphil / Msc(Hons)	Lubna Naz	2. 2011	Mphil / Msc(Hons)	Maryam Bibi	3. 2011	Mphil / Msc(Hons)	Qurratulain	4. 2011	Mphil / Msc(Hons)	Zahid Hussain	5. 2012	Mphil / Msc(Hons)	Mehran Ahmed	6. 2012	Mphil / Msc(Hons)	Adil	7. 2012	Mphil / Msc(Hons))	Abid	8. 2006	MSc / Bsc(Hons)	Nazia	9. 2007	MSc / Bsc(Hons)	Nazma Naeem	10. 2007	MSc / Bsc(Hons)	Sabra Begum	11. 2009	MSc / Bsc(Hons)	Shadman	12. 2009	MSc / Bsc(Hons)	M.Zulfiqar Ali	13. 2010	MSc / Bsc(Hons)	Ghulamullah	14. 2010	MSc / Bsc(Hons)	Yasir Khan	15. 2010	MSc / Bsc(Hons)	Ilyas Khan	16. 2011	MSc / Bsc(Hons)	Nauman Saleem	17. 2011	MSc / Bsc(Hons)	Muhammad Hamayoon	18. 2011	MSc / Bsc(Hons)	Abid Ali	19. 2011	MSc / Bsc(Hons)	Aziz-ul- wahab	20. 2012	MSc / Bsc(Hons)	Fale Ahad	21. 2012	MSc / Bsc(Hons)	Muhammad Adnan
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<p>Service Activities</p>	<ol style="list-style-type: none"> 1. Teaching Botany to Bsc (Hons) Part I. 2. Teaching Introductory Plant Breeding & Introductory Genetics to Bsc (Hons) part II 3. Teaching various subjects of specialization in Plant Breeding & Genetics to students of part III onward. 4. Supervision of students of MSc/BSc (Hons) & Mphil/MSc (Hons) in research. 5. Guiding students in writing internship reports, review papers, synopsis and thesis. 6. Helping students in preparation of their seminars and presentations. 7. Making and Marking of Examination papers. 8. Helping students in statistical analysis of their research data.
<p>Courses taught in last three years</p>	<p><u>Courses taught in 2009</u></p> <p>Spring Semester: 1. Botany 2. Breeding Tobacco & Sugar Crops</p> <p>Fall Semester: 1. Breeding Pulse Crops 2. Introductory Genetics</p> <p><u>Courses taught in 2010</u></p> <p>Spring Semester: 1. Non Conventional Approaches in Plant Breeding 2. Breeding Field Crops</p> <p>Fall Semester: 1. Breeding Pulse Crops</p> <p><u>Courses taught in 2011</u></p> <p>Spring Semester: 1. Botany 2. Introductory Plant Breeding 3. Non Conventional Approaches in Plant Breeding</p> <p>Fall Semester: 1. Breeding Maze & Millets 2. Breeding Pulse Crop</p>
<p>Student Evaluation</p>	<p>In student evaluation I got more than 93% marks on average in each semester.</p>

Dissertations	<p>1. Rozina Gul (1994). Anther culture for developing haploid plants. BSc.(Hons) review submitted to the department of Plant Breeding & Genetics, KPK Agriculture University, Peshawar.</p> <p>2. Rozina Gul (1997). Evaluation of Mungbean Genotypes under Peshawar Condition. M.Sc.(Hons) thesis submitted to the department of Plant Breeding & Genetics, KPK Agriculture University, Peshawar.</p> <p>3. Rozina Gul (2010). Genetic and Molecular Analyses of Nodulation in Chickpea (<i>Cicer arietinum</i> L.). PhD thesis submitted to the department of Plant Breeding & Genetics, KPK Agriculture University, Peshawar.</p> <p>Molecular work have been accomplished in Ehem University Matsuyama, Japan.</p>																																							
Trainings	<table border="1"> <thead> <tr> <th data-bbox="406 781 742 835">Name and Place</th> <th data-bbox="748 781 938 835">Type of Training</th> <th colspan="2" data-bbox="938 781 1252 835"><u>Duration</u></th> <th data-bbox="1252 781 1458 835">Certificate or Diploma obtained</th> </tr> <tr> <td colspan="2"></td> <th data-bbox="938 835 1105 863">From</th> <th data-bbox="1105 835 1252 863">To</th> <td colspan="1"></td> </tr> </thead> <tbody> <tr> <td data-bbox="406 835 742 961">Teachers training, KPK Agri. Uni. Public School & Collage</td> <td data-bbox="748 835 938 961">In-service teachers training workshop</td> <td data-bbox="938 835 1105 961">24th March</td> <td data-bbox="1105 835 1252 961">30th March 2004</td> <td data-bbox="1252 835 1458 961">Certificate</td> </tr> <tr> <td data-bbox="406 961 742 1087">National Aca. of Higher Edu., KPK Agri. Uni. Pesh.</td> <td data-bbox="748 961 938 1087">Staff Development Course</td> <td data-bbox="938 961 1105 1087">26th February</td> <td data-bbox="1105 961 1252 1087">22nd March 2007</td> <td data-bbox="1252 961 1458 1087">Certificate</td> </tr> <tr> <td data-bbox="406 1087 742 1234">Joint Higher Edu. Links Program, KPK Agri. Uni.Peshawar</td> <td data-bbox="748 1087 938 1234">Web-based tools for Plt. Sci. Research</td> <td data-bbox="938 1087 1105 1234">16th April</td> <td data-bbox="1105 1087 1252 1234">19th April 2007</td> <td data-bbox="1252 1087 1458 1234">Certificate</td> </tr> <tr> <td data-bbox="406 1234 742 1392">KPK Agri. Uni. Peshawar</td> <td data-bbox="748 1234 938 1392">Project Management</td> <td data-bbox="938 1234 1105 1392">2nd April</td> <td data-bbox="1105 1234 1252 1392">3rd April 2010</td> <td data-bbox="1252 1234 1458 1392">Certificate</td> </tr> <tr> <td data-bbox="406 1392 742 1541">Pakistan Academy for Rural Development Peshawar</td> <td data-bbox="748 1392 938 1541">Entrepreneurship for rural women</td> <td data-bbox="938 1392 1105 1541">20th Sep.</td> <td data-bbox="1105 1392 1252 1541">23rd Sep, 2011</td> <td data-bbox="1252 1392 1458 1541">certificate</td> </tr> </tbody> </table>	Name and Place	Type of Training	<u>Duration</u>		Certificate or Diploma obtained			From	To		Teachers training, KPK Agri. Uni. Public School & Collage	In-service teachers training workshop	24 th March	30 th March 2004	Certificate	National Aca. of Higher Edu., KPK Agri. Uni. Pesh.	Staff Development Course	26 th February	22 nd March 2007	Certificate	Joint Higher Edu. Links Program, KPK Agri. Uni.Peshawar	Web-based tools for Plt. Sci. Research	16 th April	19 th April 2007	Certificate	KPK Agri. Uni. Peshawar	Project Management	2 nd April	3 rd April 2010	Certificate	Pakistan Academy for Rural Development Peshawar	Entrepreneurship for rural women	20 th Sep.	23 rd Sep, 2011	certificate				
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Professional Duties	<p><u>Member Board of Directors AUTF (Agric. Uni. Teachers Foundation):</u></p> <p style="text-align: center;">From January 2010 till date</p> <p><u>Member Ethics Committee AUP</u></p> <p><u>Staff Proctor:</u> From July 2010 till date</p>																																							

<p>Brief Statement Of Research Interest</p>	<ol style="list-style-type: none"> 1. Genetic and Molecular Analysis of various parameters of crops specifically nodulation property which is a unique characteristic of family leguminosae. 2. Studying genotype by environment interaction in different crops. 3. Exploring diverse parameters of crops at molecular level using various molecular markers. 4. Working on legumes specifically on its introduction in different areas and its relation with other crops 5. Evaluation of inheritance pattern of different parameters of crops through conventional breeding techniques 6. Study and comparison of diverse genotypes of crops for important parameters.
<p>Publications</p>	<p><u>Impact Factor:</u></p> <ol style="list-style-type: none"> 1. Rozina Khan, H. Khan, K. Harada. 2010. Evaluation of microsatellite markers to discriminate induced mutation lines, hybrid lines and cultigens in chickpea (<i>Cicer arietinum</i> L). Aust. J. crop Sci, 4(5),301-308 2. Rozina. H., H. Khan, Shahenshah, L. Naz, I. Munir, M.Arif, I.A. Khalil, and A.Z. Khan. 2011. Performance of chickpea genotypes under two different environmental conditions. Afr. J. Biotechnol., 10(9), 1534-1544. 3. Amir Z. K., H. Khan, Roina Khan, S. Nigar, B. Saeed, H. Gul, Amanullah, S. Wahab, A. Muhammad, M. Ayub, N. Matsue and T. Henmi. (2011). Morphology and Yield of Soybean grown on Allophanic Soil as Influenced by synthetic Zeolite Application. Pak. J. Bot. 43(4): 2099-2107 4. Bibi, M., N.U. Khan, F. Muhammad, Rozina Gul, A.A. Khakwani, O.U. Sayal. 2011. Genetic divergence and association among polygenic characters in <i>Gossipium Hersutum</i> L. Pak. J. Bot. 43(6):2751-2758 5. Bibi, M., N. U. Khan, F. Muhammad, Rozina Gul, A.A. Khakwani, O.U. Sayal, I.A. Khan and M. Idrees. 2011. Genetic disparity and relationship among qualitatively inherited yield related traits in diallel crosses in upland cotton. Pak. J. Bot. 43(5): 2543- 550. 6. Khan, M.I., G. Hassan, I. Khan, K.B. Marwat, N.U. Khan and Roina Gul. 2011. Tolerance of chickpea (<i>Cicer arietinum</i> L.) cultivars to the major chickpea herbicides. Pak. J. Bot. 34(5):2497-2501.

7. Hamayoon K., A.Z. Khan, **Rozina Gul**, Amanullah, S.K. Khalil, N. Matsue and T. Henmi. Influence of zeolite application on seed developmental profile of soybean grown in allophonic soil. Accepted in Pak. J. Botany
8. **Rozina Gul**, Hamayoon Khan, Farhatullah and Naquibullah Khan. Characterization of chickpea germplasm for nodulation and effect of rhizobium inoculation on nodules number and seed yield. Accepted for publication in Pak. J. Botany.
9. **Rozina Gul**, Hamayoon Khan, Naquibullah Khan and Farhatullah. Gene linkage effect on inheritance of nodulation and leaf color in chickpea (*cicer arietinum* L.). Accepted for publication in Pak. J. Botany.

HEC Recognized :

10. **Rozina Khan**, Farhatullah and Hamayoon Khan. 2011. Dissection of variability and heritability estimates of chickpea germplasm for various morphological markers and quantitative traits. Sarhad.J.Agric. 27(1): 67-72.
11. **Rozina Khan**, Hamayoon Khan, Shahid Sattar, Farhatullah, Fazal Munsif, Shadman Sajjid Ali Khan Bangash and Sahir Hameed Khattak. 2011. Comparison among nodulated and non-nodulated chickpea genotypes. Sarhad J. Agri., 27(2): 577-581.
12. **Rozina Gul**, Hamayoon Khan, Ghazal Mairag, Sajid Ali, Farhatullah and Ikramullah. 2007. Correlation Study on Morphological and Yield Parameters of Mungbean (*Vigna radiate*). Sarhad J. Agric. 24(1): 37-42.
13. Tariq M., **Rozina Gul**, F. Munsif, F. Jalal, Z. Hussain, N. Noreen, H. Khan, Nasiruddin and H. Khan. 2011. Effect of phosphorus levels on yield and yield components of maize. Sarhad J. Agric. 27(2): 167-170.
14. Hamayoon Khan, Muhammad Arif, **Rozina Gul** and Khalid, Naveed. 2001. The Residual effect of groundnut crop and soil amendments on the performance of gram under rain fed condition. Sarhad J. Agric. Vol. 17(4). 525-531
15. Hamayoon Khan, M. Arif, **Rozina Gul**, Naseer Ahmad and Ijaz Ahmad

Khan. 2002. Effect of planting dates on maize varieties. Sarhad J. Agric. Vol. 18(1):159-163.

16. Adres khan, I. A. Kan, R. Khan, I. Khan, Z. Hussain, **Rozina Gul** and S. Ali. 2011. Important chickpea weeds of New Developmental Farm, Khyber Pakhtunkhwa Agricultural University Peshawar, Pakistan. Pak. J. Weed Sci. Res. 17(3): 271-276.

International Journals:

17. Amir Z. K., H. Khan, **Rozina Khan** and A. Aziz. 2007. Vigor Tests Used to Rank Seed Lot Quality and Predict Field Emergence in Wheat. Am. J. Plt. Phys. 2(5): 311-317.
18. Amir Z. K., H. Khan, **Roina Khan**, A. Ghoneim and A. Ebid. 2007. Seed Development Profile of Soybean as Influenced by Planting Dates and Cultivars under Temperate Environment. Am. J. Plt. Phys. 2(4):251-260.
19. Amir Z. K., H. Khan, **Rozina Khan** and Adel Ghoneim and Azza Ebid. 2007. Comparison of Different Wheat Seed Categories (VS) Farmer' seed: Yield and Yield Components. Trends in App. Sci. Res. 2(6):529-534.
20. Hamayoon K., A. Z. Khan, **Rozina Khan**, Naeto Matsu and Teruo Henmi. 2008. Zeolite Application Affects Vegetative Phenology of determinate and indeterminate soybean grown on Allophanic soil. Int. J. Agric. Res. 3(2): 148-154.
21. Hamayoon Khan., A. Z. Khan, **Rozina Khan**, Naeto Matsu and Teruo Henmi. 2008. Water adsorption and surface acidity of nano-ball Allophane as affected by heat treatment. J. Env. Sci. & tech. 2 (1): 22-30.
22. Hamayoon Khan., A. Z. Khan, **Rozina Khan**, Naeto Matsu and Teruo Henmi.2008. Soybean Leaf Area, Plant height and Reproductive Development as influenced by Zeolite Application and Allophanic Soil. J. plt. Sci. 3(4): 277-286.

	<p>23. Amir Z. K., H. Khan, A. Ghoneim, Roina Khan and A. Ebid. 2007. Seed Quality and Vigor of Soybean as Influenced by Planting Dates, Density and Cultivar under Temperate Environment. Int. J. of Agric. Res. 2 (4): 368-376.</p> <p><u>Other Journals:</u></p> <p>24. Rozina Gul, S. Ali, H. Khan, Nazia, F. Ali and I. Ali. 2007. Variability among Mungbean (<i>vigna radiate</i>) Genotypes for yield and Yield Components Grown in Peshawar Valley. J. Agric. Bio. Sci. 1 (4):6-9</p> <p>25. Amir Z. K., Hamayoon Khan and Rozina Khan. (2007). Influence of Canopy Temperature on Physio-Chemical Quality of soybean. Res. J. Bot., 2 (4) 202-207.</p> <p>26. Hamayoon Khan., A. Z. Khan, Rozina Khan, Naeto Matsu and Teruo Henmi. 2009. Influence of Zeolite Application on Germination and Seed Quality of Soybean grown on allophanic soil. Res. J. Seed Sci. 2(1):1-8.</p> <p>27. Sajid A., M. Arif, Rozina Gul, Attaullah, S. Shah, S. Azam and I. Ali. Improving Maize Emergence and Early Seedling Growth through Water Soaking. 2006. Scientific Khyber. 19(2):173-177.</p> <p>28. M. Arif, M. A. Chohan, S. Ali, Rozina Gul and Sajjad Khan. 2006. Response of Wheat to Foliar Application of Nutrients. J. Agric. & Bio. Sci. 1(4): 30-32.</p>
<p>Selected Professional Presentation</p>	<ol style="list-style-type: none"> 1. Assessment of SSR markers to categorize induced mutation lines, hybrid lines and cultigens in chickpea (<i>Cicer arietinum</i> L.).17-20-Sep. 2008. Tokyo Institute of Research, Japanese Society of Breeding. 2. Presented and articulated on research papers of different authors (scientists) related to chromosome theory and uses of different molecular markers, in Faculty of Agriculture, Ehime University Matsuyama Japan. 3. Given presentation on “Genetic and Molecular Analysis of Nodulation in chickpea (<i>Cicer arietinum</i> L.)” in Agriculture Faculty of Ehime University Matsuyama, Japan and KPK Agricultural University Peshawar Agriculture.