

## PROFILE OF DR.WASEEM AKRAM

### DR. WASEEM AKRAM

Professor & Chairman  
Department of Entomology



University of Agriculture, Faisalabad, Pakistan  
92-41-2647668

**TOTAL EXPERIENCE: 32 years 06 months**

### FELLOWSHIPS/PROJECTS WITH WORKS COMPLETED AS WELL AS IN PROGRESS

Title	Funding Agency	Starting date	Completion time	Status
<b>Post Doc Fellow</b>	Chonbuk National University, Chonbuk, South Korea	<b>September 2002</b>	<b>September 2003</b>	<b>International</b>
<b>Foreign Scientist</b> in the Long Term Foreign recruitment Program	Chonbuk National University, Chonbuk, South Korea	<b>September 2003</b>	<b>February 2006</b>	<b>International</b>
<b>Post Doc Fellow</b> Surveillance and source identification of <i>Aedes albopictus</i> for climate change and adaptation.	KCDCP, NIH, Seoul South Korea	<b>04-06-2009</b>	<b>29-11-2009</b>	<b>International</b>
<b>Principal Investigator</b> Exploring biological activities of citrus limonoids: a multidisplenary approach for controlling insects	HEC	<b>Feb 2007</b>	<b>Feb 2010</b>	<b>National</b>

<b>Principal Investigator</b> Population Estimates and Dengue Infection Rates in Field Collected <i>Aedes albopictus</i> and <i>Aedes aegypti</i> adults from Lahore, Faisalabad and Rawalpindi	Health Department GOP	15-03-2014	09-11-2014	National
<b>Co-Principal Investigator</b> Dengue Epidemic Surveillance Modeling, visualization and Response Modeling System	National ICT R&D Fund	03-03-2013	05-09-2015 Completed	National
<b>Principal Investigator</b> Field and Laboratory Evaluation of Sumilarv 2 MR as Effective Intervention Against <i>Aedes aegypti</i> / <i>albopictus</i> a Vector of Dengue in Pakistan	SCAP Singapore	2015	2107	National-International
<b>Consultant</b> Butterfly Garden	PHA Lahore	2014	2015 Completed	National
<b>Research Collaborator</b> in GIS Based Metagenomics of Mosquito Vectors and Abundance of Mosquito-borne Pathogens in different Agro-Geoclimatic Areas of Punjab, Pakistan	USPCAS-AFS Competitive Grants Program	2016	2018 In progress	International
<b>Technical Resource Person</b> Regional Meeting to Enhance Preparedness	WHO regional office of the Eastern Mediterranean in Casablanca, Morocco	28Feb to 1 March 2016	Completed	International

and Response activities to Zika Infections				
<b>TEMPORARY ADVISOR</b> , Prevention, Surveillance and Control of <i>Aedes</i> Mosquito Vectors in the Context of Emerging Zika and other Aedes-Borne Disease	Organized by WHO regional office of the Eastern Mediterranean in Tunis, Tunisia	<b>14 to 17 October 2016</b>	<b>Completed</b>	<b>International</b>
<b>Agreement for Performance of Work (APW)</b> Holder for Training Workshop on Prevention, Surveillance and Control of Aedes Mosquito Vectors in the Context of Emerging Zika and Other Aedes-Borne Diseases.	EMRO-WHO in Lahore/University of Agriculture, Faisalabad, Pakistan,	<b>17<sup>th</sup> to 21<sup>st</sup> October 2016</b>	<b>Completed</b>	<b>International</b>
<b>TEMPORARY ADVISOR</b> , Prevention, Surveillance and Control of <i>Aedes</i> Mosquito Vectors in the Context of Emerging Zika and other Aedes-Borne Disease	Organized by WHO regional office of the Eastern Mediterranean in Islamabad, Pakistan	<b>14-16<sup>th</sup> November 2016</b>	<b>Scheduled</b>	<b>International</b>
<b>Focal Person Dengue Management at Provincial Level</b>	Government of Punjab, Pakistan	<b>To date</b>		
Direct release Method of 2MR against <i>Aedes aegypti/albopictus</i> a vector of Dengue in Pakistan	Sumitomo Chemical Pte Ltd, Singapore (SCA)	1 <sup>st</sup> July 2017 to 30 June 2018	<b>Completed</b>	<b>International</b>

Invivo and Vitro Studies on the Capacity of Greenlid Bio-Traps (GlbT) to Minimize overall Population of <i>Aedes aegypti/albopictus</i> in Dengue Risk Areas of Faisalabad	<b>GREENLID BIOSCIENCE, ONTARIO, CANADA</b>	<b>1<sup>st</sup> Nov 2018-31<sup>st</sup> March 2019</b>	<b>Completed</b>	<b>International</b>
Dengue a serious health concern: Ways to manage this disease through a more environment friendly approach in Pakistan	<b>KCDC, South Korea</b>	<b>01-06-2020 to date</b>	<b>In progress</b>	<b>International</b>

## TECHNICAL COMPETENCY

<b>Degree/Fellowship</b>	<b>Subject</b>	<b>Year</b>	<b>Institute</b>	<b>Country</b>
Post Doc Fellowship	Entomology	2009	National Institute of Health	Seoul, South Korea
Post Doc Fellowship	Entomology	2003-2006	Chonbuk National University	Chonju, South Korea
Post Doc Fellowship	Entomology	2002-2003	Chonbuk National University	Chonju, South Korea
PhD	Entomology	2000	University of Agriculture	Faisalabad, Pakistan
MSc (Hons.)	Entomology	1991	University of Agriculture	Faisalabad, Pakistan
BSc (Hons.)	Entomology	1989	University of Agriculture	Faisalabad, Pakistan

## PAST PERFORMANCE

### CV OF PROF. DR. WASEEM AKRAM

#### Personal Details:

Name WASEEM AKRAM  
Nationality Pakistan  
Postal / Electronic Address [areebal4@yahoo.com](mailto:areebal4@yahoo.com)  
**Professor, & Chairman Department of Entomology,  
University of Agriculture, Faisalabad, PAKISTAN**

Total Experience 32.9 Years  
Cell number 92-322-6077668  
Lane Number 92-41-2647668

**Present Position** Professor & Chairman, Department of Entomology, /  
Convener Visiting Faculty  
Chairman Disciplinary Committee  
Member Cabinet Committee on Dengue, Punjab  
Member DEAG (Dengue Expert Advisory Group) Punjab  
Member TWG (Technical Working Group) Dengue Punjab

**Previous Assignment held:** Consultant Dengue CM Secretariat, Punjab  
Temporary Advisor WHO  
Director External Linkages  
Controller of Examinations  
University of Agriculture, Faisalabad, PAKISTAN

**BPS Grade** 21

**Foreign/Local Experience** Invited Researcher at the Korean Center for Disease  
Control and Prevention, National Institute of Health,  
Seoul South Korea, June-Nov 2009.

Long Term Foreign Faculty, College of Agriculture  
and Life Sciences, Chonbuk national University,  
Chonju, **South Korea 2003-2006**

Head Research and Development Program on Dengue Punjab,  
Chief Minister's Secretariat, 8-Club Road, GOR-1, Lahore  
(14-9-2011 to 14-06-2018)

Post Doc Fellow (**Korea**) **2002-2003** Chonbuk National University, Chonju,  
**South Korea**

Subject/ Field of Specialization	Entomology
Key Qualification	PhD
Additional Post Held	Controller of Examinations 04-07-2020 to 03--10-2020
Won Research Productivity Award	2012, 2014, 2015, 2016, 2017
Best Research Paper Award	2016, 2018-19

## **PhD Produced**

1. Management of Rock pool breeding mosquito *Ochlerotatus togoi* by *Ginkgo biloba* By Jhong Kyoung Choi (**Qualified 2006**), Chonbuk National University Chonju, South Korea.
2. Spatio-temporal distribution of mosquitoes (Aedini: Culicidae: Diptera) from different Agro-ecological zones of the Punjab 2010 By Unsar Naeem Ullah (**Qualified No. CE/PA/2599-2602 Dated 29 June 2010**).
3. Seasonal distribution and management studies on *Aedes albopictus* in the Urban and Rural areas of Punjab By Faisal Hafeez (**Qualified Phd 2010**).
4. Biodiversity of Staphylinids of Punjab by Shabab Nasir (**Qualified degree 2011**).
5. Insecticide Resistance management in houseflies (Hafiz Azhar Ali Khan completed **2015**).
6. Seasonal abundance and IVM strategies for dengue vector management (**M. Irfan Completed 2017**)

## **CONSULTANT**

1. **Dr. Waseem Akram** as Temporary Advisor with **WHO** in the CONSULTATIVE MEETING organized by WHO of EMRO region as Temporary Advisor to ENHANCE SURVEILLANCE AND CONTROL OF AEDES MOSQUITO VECTOR FOR EPIDEMIC ARBOVIRUSES IN EMRO REGION TUNIS FROM 16-18 OCTOBER 2017. Tunisia
2. **Dr. Waseem Akram** as Temporary Advisor with **WHO** in the face to face Expert GROUP Meeting in Cairo, Egypt at the Regional Office on 30 and 31 January 2017
3. **Dr. Waseem Akram** as Temporary Advisor with **WHO** in the consultative workshop to define appropriate strategy for detection of clusters of zika and other arboviral diseases using both syndromic and event based surveillance approaches, 14-16 Nov 2016, Serena Hotel, Islamabad, Pakistan
4. **APW holder Dr. Waseem Akram** with **WHO** for training workshop on prevention, surveillance and control of *Aedes* mosquito vectors in the context of emerging zika and other *Aedes*-borne diseases Lahore/University of agriculture, Faisalabad, Pakistan, 17-21 October, 2016
5. **Dr. Waseem Akram, Temporary Advisor**, with **WHO** in training Program in Tunis, Tunisia 24-30 September 2016 on Zika spread.
6. **Course Coordinator** for Master Training Program on Dengue Vector Management SOP for indoor and outdoor teams in Rawalpindi, Bahawalpur, Multan, DG Khan, Sahiwal

organized by Local government in collaboration with Plan International Pakistan, **Reckitt Benkiesier and Wash Pakistan** 12-6-2016 to 24-08-2016 at various stations.

7. **Course Coordinator** for capacity building of indoor and outdoor teams engaged in dengue control program at Rawalpindi after the increase in number of cases organized by Local government in collaboration with Plan International Pakistan from 18-8-2015 to 24-10-2015.
8. **Course Coordinator** for 2 Days Master Training Program on Dengue Vector Management, Pesticide Use and Safety Measures (05 March to 22 April 2014), Conducted in the University of Agriculture, Faisalabad for training, DPC, DOH, DDOH, Entomologists, EI, PD and PMS.
9. **RESOURCE PERSONS for** “Training Rendered on Recent Trends in Dengue Management and the Way Forward to Academicians from Punjab” 16-6-2012 to 28-06-2012 at MPDD, Lahore.
10. **RESOURCE PERSONS for**” One Day Training Program for Teachers on Dengue Management in Schools from Lahore (Government and Private)” Organized by PRMP August 02-16, 2012 held at DSD, Lahore.
11. **RESOURCE PERSONS for**” One Day Training Program for Teachers on Dengue Management for Colleges Sept 11-15, 2012
12. Consultant for “Crop Management Options Based On The Maize Productivity Enhancement Issues On Crop Based Global gap Control Points And Compliance Criteria At Farm Level” **CABI SOUTH ASIA, RAWALPINDI** 2010.
13. Consultant **Health Academy Science, Islamabad** for a project being run with the Support from WHO 2010 on Medical Entomology.
14. Consultant WWF-Pakistan for **Better Management Practices for cotton cultivation** at Toba Tek Singh 2009-2011.

#### **CONFERENCES/ SEMINAR MEETINGS**

1. Key Note Speaker at “Jump for Promoting New Innovative Technologies & Pest Control Experts” 12-13 Dec 2024 South Korea
2. Attended National Consultation of Policy Makers and Dengue Experts 29-30 November 2023 Ramada Islamabad Organized by WHO.
3. To attend collaborative Research Meeting at the KDCA-DVPD Grant Program “Global Collaborations on the Survey Vectors and Parasites”, Osong, South Korea **22-10-2023 to 29-10-2023, South Korea.**
4. To deliver a talk at the Yeonsi University, South Korea **25-10-2023, South Korea.**
5. To deliver a talk at the Korea University, Special Seminar “ Management and Surveillance of Vector Borne Disease” South Korea **27-10-2023, South Korea.**
6. To attend collaborative Research Meeting at the KDCA, Incheon South Korea **15-11-2022 TO 22-11-2022, South Korea.**

7. International Conference on Dengue Prevention and Control (ICD 9-10 January 2020, PC Hotel) Lahore
8. Invited to Japan for attending the collaborative Research Meeting at the HCRL (SCC Environmental Health Science), Takaraduka Laboratory, in Osaka and then in Tokyo, **Japan 14-1-2019 to 19-1-2019.**
9. **Dr. Waseem Akram** invited to speak at the International Congress on Integrated Vector Control in the GAP Region (UGVEK) (includes Teoritical, Technical ve practical training) in Sanliurfa , Turkey. The congress will be held from 26-28th April 2017, Şanlıurfa, El Ruha Hotel, **Turkey.**
10. Attended as a guest speaker Internation Bioethical Conference 18-20 April 2021Karachi
11. **Dr. Waseem Akram:** Temporary Advisor with **WHO in Face to Face meeting in Cairo Egypt 2017**
12. Research meeting at Environmental Health Science Laboratory Sasugade, **Japan** from 28-11-2016 to 02-12-2016
13. **Dr. Waseem Akram:** Temporary Advisor with **WHO** in the training workshop on Prevention, Surveillance and Control of *Aedes* Mosquito Vector in the context of Emerging Zika and other *Aedes*-Borne Diseases, being held in **Tunis, Tunisia 26-30 September 2016.**
14. **Dr. Waseem Akram :** Preliminary meeting with other facilitators regarding Emerging Zika and other *Aedes*-Borne Diseases, being held in **Tunis, Tunisia 25<sup>th</sup> September 2016 organized by WHO.**
15. **Dr. Waseem Akram,** 2016 To attend the Regional Meeting to Enhance Preparedness and Response Capacities to Zika Virus Infection. **Casablanca, Morocco 28-29 Feb 2016 at the Novotel Hotel Casablanca organized by WHO.**
16. **Dr. Waseem Akram** to attend the One day Working Group on Epidemiology and Entomological Surveillance of Zika Virus Infection **01 March 2016, Casablanca, Morocco organized by WHO.**
17. **Dr. Waseem Akram:** Approaches and Tool: Dengue epidemic in Punjab, Pakistan As *overseas Guest Speaker* at the International Conference on Dengue and Dengue Haemorrhagic Fever at the Bandaranaike Memorial International Conference Hall (BMICH), **24th to 26th February 2016 Colombo, Sri Lanka.**
18. **Dr. Waseem Akram:** Biodiversity studies on Butterfly Fauna **28 Feb to 11 March 2015 at Kuala Lumpur, Malaysia and Thailand.**
19. **Dr. Waseem Akram:** Training workshop on Integrated vector Management Organized by **WHO 28<sup>th</sup> October to 02<sup>nd</sup> Nov 2014 at Ramada Hotel Islamabad, Pakistan**
20. **Dr. Waseem Akram Facilitator WHO. Consultation Workshop FOR SITUATION ANALYSIS OF PESTICIDE MANAGEMENT IN PAKISTAN at Ramada Hotel, Islamabad 26- 28 Nov 2013**
21. **Akram Waseem,** Hafiz Azhar Ali Khan and Jong-Jin Lee **2013** Studies on selected products against *Aedes aegypti/albopictus* under laboratory and field conditions. 3<sup>rd</sup>

- International Conference on Dengue and Dengue Hemorrhagic fever 2013, **21-23<sup>rd</sup> Oct 2013, Imperial Queens Hotel, Thailand**
22. **Akram Waseem, J J Lee, H. Khan 2013** Mass Mobilization an effective tool in dengue management strategy. 3<sup>rd</sup> International Conference on Dengue and Dengue Hemorrhagic fever 2013, **21-23Oct 2013, Imperial Queens Hotel, Thailand**
  23. **Akram Waseem, 2013** Dengue in Pakistan: Experiences, Success and Future concerns of the ever expanding disease. Dengue Symposium and Technical Working Group Meeting, **11 to 15th November, 2013, Malaysia and Singapore**
  24. **AKRAM Waseem, Jong-Jin LEE and Hafiz Azhar Ali KHAN 2012** Population trends of *Aedes aegypti* and *Aedes albopictus* and their association with dengue cases. **Singapore International Conference on Dengue and Emerging Infections 21-23 Nov, 2012.**
  25. **AKRAM Waseem 2012 Vector** Surveillance Campaign and the Dengue Epidemic 2011-2012. International conference on Dengue 9-11 Nov 2012 Lahore, **Pakistan.**
  26. **Dr. Waseem Akram 2012 Vector Control** International Conference on Dengue Control, 27–29 Feb, 2012 WHO, Lahore, **Pakistan.**
  27. **Dr. Waseem Akram 2012 “ Dengue Control and Prevention” 15<sup>th</sup> April 2012, PC Hotel Rawalpindi**
  28. **Dr. Waseem Akram 2012 “Workshop on Dengue Control an Orientation Program for Researchers, Municipal Services Providers and Health Officers”. 23<sup>rd</sup>, Feb, 2012 Hotel PC, Lahore.**
  29. **DEPCAM Training at AIT, Thailand 04-24 Dec, 2011.**
  30. Akram Waseem, 2010 **An inventory of Fireflies from natural and Agro-ecosystems**, 2-6 August 2010, Selangor, Kuala Lumpur, Malaysia. Funded by EFS, UAF
  31. **Dr. Waseem Akram 14 June 2010** Cost Effective strategy to Fight Dengue Fever. The Nation. [www.nation.com.pk](http://www.nation.com.pk).
  32. **Akram ,Waseem, Hazrat Bilal and Hafiz Azhar Ali Khan 2010** Potentials of citrus seed extracts against *Aedes albopictus* (Culicidae: Diptera) larvae. **30<sup>th</sup> Pakistan Congress of Zoology, Faisalabad.**
  33. Visiting Expert on Medical Entomology 2009 at **Health Services Academy in collaboration with the WHO Representative Office (WRO) in Islamabad for teaching Diploma courses in Medical Entomology.**
  34. Key Speaker **Dr. Waseem Akram 2009.** Role of DNA technologies in mosquito control. One day Symposium on “Insect Genomics: Application and Potential for Pest Control. *Nuclear Institute for Biotechnology and Genetic Engineering (NIBGE), Faisalabad, Pakistan.* 25<sup>th</sup> March 2009.
  35. Unsar Naeem Ullah, **Waseem Akram** and Faisal Hafeez 2008 Our Environment: The mosquitoes and the emerging issues. National News paper “*The Pakistan Times*” published on 20 Dec 2008.
  36. Invited as **GUEST SPEAKER** to deliver a talk on “**Prospects of Dengue as an emerging issue in Pakistan**” at the **Second National Conference on Health Biotechnology 27-28, May 2008 at Pakistan Academy of Sciences, Islamabad.**
  37. Invited as **GUEST SPEAKER** to deliver a talk on ‘**Source reduction mosquito surveillance program evaluating out breaks and disease incidence in the urban and rural areas**’ at the two days National Seminar on various applied aspects of Medical Entomology and Disease Vector Control on **28-29 April, 2008** by the **Health Services Academy in collaboration with the WHO Representative Office (WRO) in Islamabad.**

38. Participated in the **74<sup>rd</sup> American Mosquito Control Annual Meeting** in Nugget John Ascagua's Reno, Nevada, **USA March 1-6 2008** and presenting a paper on Seasonal distribution and Species composition of daytime biting mosquitoes in different ecological zones.
39. Participated in the **73<sup>rd</sup> American Mosquito Control Annual Meeting** in Orlando, **USA 2007** and presented a paper on Aedes as a vector of dengue in Pakistan.
40. Participated in the **ICIBI, South Korea** August 17-24, 2007 and presented a paper on dengue disease vector in Pakistan
41. Faculty Seminar **"Mosquito Diversity with Reference to Dengue Fever in Pakistan"**. Lecture at the Faculty of Agriculture, University of Agriculture Faisalabad, on 08-12-2006.
42. Invited for discussion on **Dengue Fever a Threat to Our Lives** at the Governor's Secretariat Punjab gave Recommendations for fighting against this disease. **07-12-2006**.
43. Invited at Institute of Biochemistry and Biotechnology, Punjab University Lahore, by the **KHWARZIMIC SCIENCE SOCIETY**, to present a seminar on **"AEDES A VECTOR OF DENGUE FEVER: A POSSIBLE THREAT TO OUR LIVES"** ON 30-11-2006.  
[http://www.khwarzimidc.org/takveen/dengue\\_kss.pdf](http://www.khwarzimidc.org/takveen/dengue_kss.pdf)
44. Published an important article on **"Multidisciplinary approach for controlling mosquito species"** in **DAWN NEWS PAPER** published on 30-10-2006
45. Presented a poster at the **5<sup>th</sup> Asia-Pacific Congress of Entomology (APEC 2005) "Insects, Nature, and Humans" Oct 18-21 Jeju, Korea**. Akram Waseem, Jhong-Kyoung Choi and Jong-Jin Lee. Systematics of *Stenchaetothrips biformis* a potential thrips of rice crop. Pp 188.
46. Presented a symposium "Systematics of Thysanoptera of Pakistan" in the *Integrative Biosciences Conference*. Korean Association of Biological science, Vol: 9 Supplement August 2005. Held in **Daejeon University from 17-19-8-2005 Korea**
47. Poster presented "Insecticidal activities of some components from *Ginkgo biloba* outer seed coat against *Ochlerotatus togoi* larvae in the **Integrative Biosciences Conference**. Korean Association of Biological science, Vol: 9 Supplement August 2005. Held in **Daejeon University from 17-19-8-2005 Korea**
48. Participated and a presented paper and a poster in the **Annual meeting of the Entomological Society of Korea at the Wonkwang University, Iksan, from Nov. 12-13, 2004 Korea**
49. Participated in the **"International Symposium of Entomology of Three Far East Asian Countries, China, Japan and Korea"** From May 14-16, 2004 at Muju, Korea.
50. Participated in the **"Annual Conference of Korea Journal of Entomology 2002"**. Sangnok Resort, Chonan **14-10-2002-15-10-2002. Korea and Presented two papers.**
51. Presented paper on the cotton related pest problems of Pakistan at the **Annual Meeting of "The Korean Society of Entomology"** from 31-10-2003 to 01-11-2003 at Suwon, Korea.
52. Presented poster on the **"Some Biochemical Abnormalities Caused by Cypermethrin in adults of *Tribolium castaneum* (Herbst.)"** at the Annual meeting of **"Korean Society of Applied Entomology"** from 24-25-10-2003 at Suwon, Korea.
53. Participated as a speaker in the **Annual meeting of Society of Asia-Pacific Entomology and Pest Management Society of Japan from 28-31, May 2003 PUSAN, KOREA.**
54. Participated as delegate in the **Spring Meeting of "The Entomological Society of Korea" 9-10 May 2003** for presenting a Paper on Management of *Rhizopertha dominica* and a Poster on the Systematics of *Neolimothrips*.

55. Invited at the **2003 Meeting of the American Mosquito Control Association, Minneapolis USA** to present paper Focused on Vector Behavior and Biology “Effect of physio-chemical parameters of habitat on breeding behavior of *Aedes albopictus*”.
56. Invited as a delegate to attend the meeting in September 24 2003, **Global Innovations and Modern Techniques for Urban Pest Managers (MALAYSIA)**.

### **ARTICLES/ HAND BOOKS:**

1. Developing crop management options based on the maize productivity enhancement issues on crop based global gap control points and compliance criteria at farm level. 2010 By **Dr. Waseem Akram (A 165 page manual on exercises about maize production)**.
2. **Training Guide for Sugarcane Cultivation and Better Management (URDU) 2007 Published with World Wide Fund (WWF)**
3. Science Calls You to Islam **2004**. “The Mosquito and Its Extraordinary Adventure: Proceedings of Seminar. Jeonju, Korea
4. Gate way to Entomological Terms, **2004**. Published by National Book Foundation, Islamabad. (**2<sup>nd</sup> Edition**).
5. Towards better management of our crops” COTTON” **2001**.
6. Thrips taxonomy in Pakistan. Article published in national news Paper “The News”.**2000**
7. Silk Production an Income Generating Source (in Urdu), **1999**. Published by Pak Book Empire, Lahore Pakistan.
8. A handbook of Entomological Terms, **1997**. Published by Pak Book Empire, Lahore. (**1<sup>st</sup> Edition**).
9. Mango mealy bugs and its control, **1993**. Agri. Digest.
10. Agricultural Research "A Twenty-five Years Bibliography of Articles" Published in Pakistan. Journal of Agricultural Sciences (1964-1988).
11. Topics of routine problem related with Fruit trees have been published in **Agriculture Digest in Native Language. 1993**.

### **MEMBERSHIP OF SOCIETIES:**

1. Patron “Young Entomologist’s Society” University of Agriculture, Faisalabad, To date.
2. Convener “**The Agrarian Society**”, University of Agriculture, Faisalabad 2019 to date.
3. **In charge Young Entomologist’s Society** Department of Agri-Entomology, UAF **2010**
4. Elected as member of the **Section Editor of Pakistan Journal of Agricultural Science 2009**
5. Elected as Member **Editorial Board 2008 to date** of **ENTOMOLOGICAL RESEARCH** that publishes quarterly journal by Wiley and Blackwell Publishing Co. HK, South Korea
6. Elected as **Associate Editor 2006-2008** of **ENTOMOLOGICAL RESEARCH** that publishes quarterly journal by Blackwell Publishing Co. HK
7. Selected as Life Member of **KHWARZIMIC SCIENCE SOCIETY, Punjab University Lahore from 30-11-2006**.

8. Selected as **Associate Editor of Entomological Society of Korea**, from **January 2006 to 2019**, that publishes quarterly journal “**ENTOMOLOGICAL RESEARCH**” published by Blackwell Publishing Co. HK.
9. Pakistan Entomological Society, Department of Agri. Entomology, University of Agriculture, Faisalabad.
10. Advisor of "Young Entomological Society", Department of Agri. Entomology, University of Agriculture, Faisalabad.
11. Life Member of “**The Entomological Society of Korea**”. [www.korentsoc.org](http://www.korentsoc.org).

#### **INTERNATIONAL ACHIEVEMENTS AND AWARDS:**

1. Member DENGUE UNITED, National Environment Agency Singapore since 2012 to 2019.
2. Awarded 6 months **Post Doc Fellowship** by National Institute of Health South Korea
3. Selected as **Foreign Scientist** from 2003-2006 by KOSEF/KRF (S. Korea)
4. Selected as **Post Doc Fellow** for Korea 2002-2003. Chonbuk National University, South Korea.

#### **NATIONAL ACHIEVEMENTS AND AWARDS**

5. Member BOS The Islamia University of Bahawalpur 2019 to date
6. Resource Person at farmers gather at TTSINGH 23-12-2008 arranged by WWF ‘IPM OF INSECT EST OF COTTON’
7. Resource Person at farmers gather at TTSINGH 19-11-2008 arranged by WWF ‘COTTON’
8. Certificate of Training on **Integrated pest Management of Cotton May 22-27, 2006**, University of Agriculture, Faisalabad, Pakistan
9. **HEC approved supervisor for PhD studies 2006 to date.**
10. Resource Person at farmers gather at TTSINGH 23-12-2008 arranged by WWF ‘IPM OF INSECT EST OF COTTON’
11. Nominated for **Javed Hussain Prize for Best Young Scientists.**
12. **Stood first in M.Sc. Examination** in the Department of Agri. Entomology, 1991.
13. **Stood first in BSc(Hons) Examination** in the Department of Agri. Entomology, 1989.
14. **Won the Bayer Merit Scholarship** during 1989-90.
15. **Received many Certificates of Merit** on Outstanding Performances.

#### **PUBLICATION DURING (Total Impact Factor = 81)**

1. Akram M I, Waseem Akram , A A Rana , R Iqbal, A Ditta, Z M Sarwar, R Ayub, M A Farah. 2025 Comparative Efficacy of Temephos and Pyriproxyfen on *Aedes aegypti*, *Aedes albopictus*, and *Culex quinquefasciatus* Collected from Different Ecological Zones of Punjab, Pakistan. *Pol. J. Environ. Stud.* Vol. 34, No. X (2025), 1-10
2. Ullah U N, F Hafeez, S Ali, M Arshad, **Waseem Akram**, A Ali, S Saba, A Abbas, A R Khan, A Iftikhar, M, A Rady, B M. Munqedhi 2023 Distribution of Mosquito Species in

Various Agro-Ecological Zones of Punjab. Journal of King Saud University - Science PII: S1018-3647(23)00336-1

3. Zubair M, H A A Khan, **Waseem Akram**, K Zia, R M N Ahsan, M M S Sharif, H Qamar, M K Malik 2022 Toxicity of selected organophosphate and pyrethroid insecticides against larval and adult stages of *Culex quinquefasciatus*. International Journal of Tropical Insect Science. <https://doi.org/10.1007/s42690-022-00850-2>.
4. Akram M I, **Waseem Akram**, M A Qayyum, A A Rana, M Yasin, B Saddiq 2022 Vector indices and metrological factors associated with dengue fever outbreak in Punjab, Pakistan. Environment, Development and Sustainability. <https://doi.org/10.1007/s10668-022-02462-9>
5. Hussain A, **Waseem Akram**, M. Tayyib and M. Usman 2021 Response of long-lasting pyriproxyfen larvicide (SumiLarv®2MR) against immature stage of ‘*Aedes mosquito*’: A vector of dengue in Pakistan, *Pak. J. Agri. Sci., Vol. 58(5), 1563-1567; 2021, ISSN (Print) 0552-9034, ISSN (Online) 2076-0906 DOI: 10.21162/PAKJAS/21.1017*<http://www.pakjas.com.pk>
6. Khan T, HAA Khan, MR Khan, M Umer, A Akhter and **Waseem Akram** 2021 Comparative Evaluation of Four Agrochemicals against *Cryptolestes ferrugineus* and *Tribolium castaneum* along with Subsequent Infection Inhibition of Aflatoxigenic *Aspergillus* spp. in Stored Wheat. <https://dx.doi.org/10.17582/journal.pjz/20201103171143> *Pak. J. of Zool* pp1-6.
7. Khan HAA, **Waseem Akram**, Sajid Ali 2020 Activities of Select Enzymes Involved in Insecticide Resistance in Spinosad-Resistant and -Susceptible Strains of *Musca domestica* (Diptera: Muscidae). *Journal of Medical Entomology*, 57(2):620–622, <https://doi.org/10.1093/jme/tjz168>.
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68. **Akram Waseem** and Jong-Jin Lee 2004 Effect of habitat characteristics on the distribution and behavior of *Aedes albopictus*. *J. of Vector Ecology* 29:2. **(IF 1.247)**

### **TALKS POPULAR ARTICLES ESSAYS, REVIEWS ETC**

Sr. No	Title	Year	Other details of Publications
	<b>1. TV shows on Dengue Control and Prevention:</b>	<b><u>2012,</u> <u>2013,</u> <u>2014,</u> <u>2015,</u> <u>2016</u> <u>2018,</u> <u>2019,</u> <u>2020</u></b>	Channels 2. <b>City 42</b> 3. <b>Channel 5</b> 4. <b>Express News</b> 5. <b>ARY</b> 6. <b>PTV News</b> 7. <b>BBC</b>

### **ORGANIZATION OF LABORATORY FACILITIES, EXTENSION PROJECTS ETC.**

<b>1</b>	Developed Mosquito bioassay Laboratory	2012	Institute of Public Health, Lahore
<b>2.</b>	Developed Mosquito bioassay Laboratory	<b>2012</b>	<b>Fisheries Department Manawa</b>
<b>3</b>	<b>Developed 03 Laboratories</b>	<b>2020-2023</b>	<b>Department of Entomology, UAF</b>

### **ADVISORY SERVICES RENDERED, IF ANY**

<b>Outstanding Effort</b>	Developed a module for dengue control and prevention that was implemented throughout Punjab which resulted in successful management of the disease.	2012	For all times dengue management at provincial as well as national level
<b>1</b>	<b>RESOURCE PERSON for</b> “Training Rendered on Recent Trends in Dengue Management and the Way Forward to Academicians from Punjab”	16-6-2012 to 28-06-2012	MPDD, Lahore

2	<b>RESOURCE PERSON for</b> One Day Training Program for Teachers on Dengue Management in Schools from Lahore (Government and Private)”	August 02-16,2012	Organized by PRMP
3	<b>RESOURCE PERSON for</b> “Training session for TEACHERS OF SPECIAL CHILDREN’S in town on Dengue Management.	31 <sup>st</sup> August, 2012	<b>Secretary Special Education</b>
4	<b>RESOURCE PERSON for</b> “One Day Training Program for Teachers on Dengue Management for Colleges”	Sept 11-15, 2012	<b>Higher Education Department</b>
5	<b>RESOURCE PERSON For</b> Training Police Department	March 7, 2012	<b>Police Department Qilla Gujar Singh</b>
6	<b>RESOURCE PERSION For</b> Training Commissioned And Non-Commissioned Air Force Officers At The.	10 February 2012	<b>LAHORE AIR BASE.</b>
7.	<b>Resource Person for training Rapid Response Teams on Disease Early Warning Systems (DEWS)in Five High Risk Districts of Punjab.</b>	<b>12-13 June 2012</b>	<b>Organized by WHO Sub-Office Punjab</b>

**ADMINISTRATIVE WORK, COCURRICULAR ACTIVITIES AND EXTRA-CURRICULAR ACTIVITIES, ETC**

1	Head of Research and Development Program on Dengue	To date	At Provincial level monitoring and designing strategies for vector management
2.	Chairman Technical Committee	Todate	Dengue Control and prevention
3.	Member Implementation committee on Dengue	Todate	
4.	Member Strategic and operational Committees on Dengue Control and Prevention.	Todate	

<b>5</b>	Chairman Technical Committee for pesticide evaluation and recommendation for Dengue Control and Prevention.	Todate	
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