

CURRICULUM VITAE

NAME

DR. FAIZA BASHIR



PERSONAL

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EXPERIENCE

- Serving in Zoology Department, University of Narowal from 2018 till to date as a Lecturer.
- Served in Zoology Department, University of Gujrat sub campus Narowal from November 2016 till 2018 as a Lecturer.
- Served in Zoology Department, university of Gujrat sub campus Narowal from February, 2016 till November 2016 as an Associate Lecturer.
- Served as a secondary school teacher in Dar-E-Arqam School Westwood Campus from April 2012 to January 2016.
- Served in Zoology Department, University of Arid Agriculture Rawalpindi from 2003 to 2005 as a Visiting Lecturer.

EDUCATION	Degree	School/college /university	Passing year	Grade/ Division	Major Subjects
	Ph.D.	LCWU, Lahore	2018-2025	1 st	Zoology
	M.Phil.	QAU, Islamabad	2003-2005	1 st	Developmental Biology (Zoology)
	M.Sc.	University of Arid Agriculture, Rawalpindi	2000-2002	1 st	Zoology
	B.Sc.	Punjab University	2000	2 nd	Zoology, Botany, Applied Psychology
	F.Sc.	B.I.S.E. Rawalpindi	1997	1 st	Physics, Chemistry, Biology
	Matricu lation	B.I.S.E. Gujranwala	1995	1 st	Physics, Chemistry, Biology
PROFESSIONAL QUALIFICATION:	<p>B.Ed Spring 2010, 1st Division Allama Iqbal Open University</p> <p>M.Ed Spring 2013, 1st Division Allama Iqbal Open University</p>				

RESEARCH WORK:	<ol style="list-style-type: none"> 1. M.Sc Research report on “Effect of <i>Tribolium castaneum</i> on the different wheat cultivars.” 2. M.Phil. Research work on “Effect of endocrine disruptor Carbaryl on the reproductive organs of young and adult male Fayoumi Chicks.” 3. Ph.D. Research work on “Protective Role of Moringa (<i>Moringa Oleifera</i>) Leaves Extract against Oxidative Stress and Cytogenotoxicity of Silver Nanoparticles and Arsenic.”
STRENGTHS	<p>Able to read and interpret intelligently and skilled to express ideas clearly and precisely. Confident and quick while taking decision. Dedicated and responsible in performing tasks. Able to meet deadlines. Able to handle challenging and result oriented jobs, with imaginative innovative solutions.</p>
Graduate Students/ Postdocs/ Undergraduate Students Research work	<ol style="list-style-type: none"> 1. Effect of Immunostimulant (Levamisole) on Growth Performance and Immune Responses of Spleen in Broiler Chicks against Newcastle Disease Virus. 2. Evaluation of Levamisole and Newcastle disease induced Morphological and Histopathological alterations in the Liver of Broiler Chicks. 3. Protective Role of Vitamin C against the toxicity of Lambda Cyhalothrin on Haematological and Histological Parameters (Testis and Intestine) of Male Broiler Chicks. 4. Knowledge, Attitude, and Practices Among Young People Towards Pneumonia from District Narowal, Pakistan. 5. Knowledge, Attitude, and Practices Toward COVID-19 in Common People especially Youth: A Cross-Sectional Study from Different Places of District Narowal, Pakistan. 6. Evaluation of Toxicity Induced by Lambda-Cyhalothrin along with the Ameliorative Role of Vitamin C on Biochemical and Histopathological (Liver, Kidney) Parameters of Broiler Chicks. 7. Evaluation of Toxicity Induced by Buprofezin along with the Ameliorative Role of <i>Moringa oleifera</i> on the Liver of Male Albino Mice 8. Evaluation of Protective Role of <i>Moringa oleifera</i> Against Buprofezin Induced Nephrotoxicity in Male Albino Mice 9. Assessment of Ameliorating Role of <i>Moringa oleifera</i> Against Buprofezin Induced Testicular Toxicity in Albino Mice 10. Effect of coadministration of silver and titanium dioxide nanoparticles on rat lungs pathology along with ameliorative role of Moringa leaves and black seeds extract. 11. Evaluation of cardioprotective potential of <i>Moringa oleifera</i> and <i>Nigella sativa</i> seeds extracts against silver nanoparticles and titanium dioxide nanoparticles exposure in rats 12. Potential of <i>Nigella sativa</i> seed and <i>Moringa oleifera</i> leaf extract in mitigating gastrointestinal toxicity induced by silver and

titanium dioxide nanoparticles

13. Nephroprotective effects of *Moringa oleifera* leaves and *Nigella sativa* seeds extract against subchronic toxicity of silver and titanium dioxide nanoparticles: biochemical and histological evidence
14. Biochemical and histopathological examination of rat liver after experimental application of silver and titanium dioxide nanoparticles alongwith Moringa leaf and black seed extracts
15. comparative efficacy of *Moringa oleifera* leaves and *Nigella sativa* seeds extract against the interactive exposure of silver and titanium dioxide nanoparticles on reproductive organs of male rats
16. Haematological and toxopathological effects of thiamethoxam and zinc oxide nanoparticles on splenic tissue of rat with assessment of zinc accumulation and therapeutic potential of cinnamon extract
17. Role of cinnamon extract in the amelioration of nephrotoxicity induced by co-exposure to thiamethoxam and zinc oxide nanoparticles in albino rats
18. Potency of cymbopogon citratus extract against clothianidin and nanosilver induced hepatotoxicity in mammalian model
19. Protective role of lemon grass extract against nanosilver and clothianidin induced gastrointestinal toxicity and assessment of silver residue in rats
20. Evaluation of cinnamon extract as an antidote against thiamethoxam and zinc oxide nanoparticals induced cardiopulmonary damage in rats

Years	Degree	Name
2020	BS Zoology	Shafaq Iqbal
2020	BS Zoology	Ulfat Kiran
2021	BS Zoology	Hina Ayuob
2021	BS Zoology	Ayesha Akhter
2021	BS Zoology	Amina Siddaque
2021	BS Zoology	Sawera Butt
2022	BS Zoology	Muhammad Aqib Prince
2022	BS Zoology	Ghulam Abbas
2022	BS Zoology	Amna Noor
2024	M.Phil. Zoology	Aleena Razzaq
2024	M.Phil. Zoology	Maryam Riasat
2024	M.Phil. Zoology	Nimra Safdar
2024	M.Phil. Zoology	Sania Batool
2024	M.Phil. Zoology	Saroosh Fatima
2024	M.Phil. Zoology	Sawaira Butt
2025	M.Phil. Zoology	Amina Khalid
2025	M.Phil. Zoology	Amber Mehmood
2025	M.Phil. Zoology	Hafsa Mushtaq
2025	M.Phil. Zoology	Momina

	2025	M.Phil. Zoology	Saman Akram	
SERVICE ACTIVITY	S #	Title of assignment	Nature of assignment (academic / administrative / any other)	Time given to the assignment (weekly)
	1.	Member Disciplinary Committee	Member	2018 to 7 December 2022
	2.	Deputy Director Student Affairs	Academics	More than 6 th Month
	3.	Member Women Harassment Committee	Member	2018 till 7 December 2022
	4.	Coordinator, Department of Zoology	Academics	8 November 2018 to December 2021
	5.	In charge Intermediate Section	Academics	From 26 August 2019 More than 2 months
	6.	Convener (74 th Independence Day of Pakistan	Academics	10 th August, 2020
	7.	Deputy Director ORIC	Academics	30 th September 2020 to October 2021
	8.	Focal Person Management System Committee online	Academics	2020 till 7 December 2021

	(Botany, Chemistry and Zoology)		
9.	Control of Drug Abuse and Narcotics Smuggling (member)		20 th June 2022
10.	Adoption of Kachi Abadi (member)		28 th June 2022
11.	Deputy Director Student Affairs	academics	From 1 st September 2022 till 7 December 2022
12.	In charge of Information Desk Admission Fall 2022	academics	20 th October, 2022
13.	Deputy Director Student Affairs	academics	20 th January, 2026
14.	Grievance Redressal Committee		29 th January, 2026
15.	Youth, peace Summit and Peace Arts Competition	member	25 th February, 2026
16.	Panel Discussion, voice of Resilience on countering extremism through process of civilization	member	25 th February, 2026
17.	Bearers of Student Societies committee	Co-Convener	04 March, 2026
18.	Student Societies and nominated Faculty Advisors	member	04 March, 2026
19.	Notification Committee to decide course exemption	Member	06 March, 2026
20.	Notification Petty Purchase committee	Member	12 March, 2026

<p>BRIEF STATEMENT OF RESEARCH INTEREST</p>	<p>As a scientist and zoological researcher, my early work in Entomology focused on assessing the relative susceptibility of various wheat varieties to <i>Tribolium castaneum</i>. During my M.Phil., I specialized in developmental biology, investigating the effects of the endocrine disruptor Carbaryl on the reproductive organs of young male Fayoumi chicks. My most recent research, conducted for my Ph.D., centered on Physiology and Endocrinology. This project examined the protective role of <i>Moringa oleifera</i> leaf extract against the oxidative stress and cytogenotoxicity induced by silver nanoparticles and arsenic. In the near future, I plan to shift my focus toward molecular biology. Looking further ahead, I aim to deeply explore the applications of bioinformatics in biological research.</p> <p>I would close by stating my understanding of research. For me research is about taking things slowly one at a time. The answer most of the time is not straight forward and there is a process of analytical thinking involved to rule out possibilities and nailing the problem down to where and why it doesn't work. I feel that it is of utmost importance to have strong footings and this in research means to have a good knowledge of existing works in the field. Research is hard work all the way; therefore, I have stuck to the problems that I am interested to work on to keep up the pace of work. I tend to stretch the boundaries and try out possibilities backed by analytical thinking. In the end it is all about challenging yourself, sticking with it and believing.</p>
<p>OTHER RESEARCH OR CREATIVE ACCOMPLISHMENTS</p>	<p><i>HEC Scholarship during M.Phil.</i></p>
<p>SEMINAR(S)/ CONFERENCE(S) / WORKSHOP(S)</p>	<ol style="list-style-type: none"> 1. Workshop on Laboratory Biosafety and Biosecurity, Department of Zoology, Lahore College for Women University, 14th December 2018 2. Workshop on Basics of Geographic Information System,

ATTENDED	<p>Department of Zoology, University of Narowal. 31st December 2018 to 01 January 2019</p> <p>3. Entomological Congress- 2019, Department of Entomology, University of Agriculture Faisalabad, 8th to 10th April, 2019</p> <p>4. Seminar on Climate Change and Food Security, Department of Zoology, University of Narowal. 30th May 2019</p> <p>5. Strengthening Research Planning using Elsevier Tools-Scopus, ScienceDirect & Mendeley @ Pakistan. Elsevier, 20 to 22nd October, 2020.</p> <p>6. Paper presented on “Potency of Moringa leaves extract in ameliorating testicular dysfunctions induced by synergistic exposure of silver nanoparticles and arsenic” in 4th International Conference on Emerging trends in Physics, organized by Department of Physics, Lahore College for Women University, Lahore, Pakistan, January 13 -15th, 2024.</p> <p>7. Paper presented on “Ameliorative Role of Moringa Leaves Extract on Silver Nanoparticles and Arsenic-Induced toxicity in rats: A Haematological, Biochemical and Residual Analysis” in the 8th International Conference on Applied Zoology, University of Punjab, Lahore, Pakistan, October 13 -14th, 2025.</p>
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PROFFESIONAL TRAININGS	S #	Title of Training	Host Institute	Finance d by	Duration	
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	1.	ProQuest Ebook Central Advanced Training	HEC	HEC	September 30, 2020	September 30, 2020
	2.	ProQuest Ebook Central Advanced Training	HEC	HEC	September 23, 2020	September 23, 2020
3.	Non-Muslim Citizens's Rights in Pakistan for	University of	UON	11th August 2020	11th August	

		Social Inclusion & National Integration	Narowal			2020
4.		Moving Forward with Education with Dr. Ahmar Mahboob	University of Narowal	UON	29th July, 2020	29th July, 2020
5.		Digital Management of Literature Review Using Latest Research Based Softwares with Dr Zahoor Sarwar	University of Narowal	UON	25th July 2020	25th July 2020
6.		Moral Foundations of Education with Prof. Dr. Abdul Saboor	University of Narowal	UON	23rd July 2020	23rd July 2020
7.		Digital Management of Literature Review Using Latest Research Based Softwares with Dr. Zahoor Sarwar	University of Narowal	UON	18th July 2020	18th July 2020
8.		Nation Building & Positivism with Mr. Sajid Khan	University of Narowal	UON	11th July 2020	11th July 2020
9.		Guide to reference managers: How to effectively manage your references	University of Narowal	Elsevier	10 April, 2020	10 April, 2020
10.		Using proper manuscript language	University of Narowal	Elsevier	08 April, 2020	08 April, 2020
11.		Structuring your article correctly	University of Narowal	Elsevier	07 April, 2020	07 April, 2020
12.		Successful research grant applications – getting it right	University of Narowal	Elsevier	02 April, 2020	02 April, 2020

LIST OF PUBLICATIONS	Sr. No .	Title of Research Paper	Name of Journal with ISSN and Impact Factor / Category	Volume, Page No. & Year
	1	Potency of Moringa Leaves Extract against Testicular Dysfunction Induced by Nanosilver and Sodium Arsenite in Mammalian Model	Pakistan Veterinary Journal, 2074-7764 (Online) / W Category, I.F. 5.4	46 (1), 2025
	2	Protective Effects of <i>Moringa oleifera</i> Leaf Extract against Silver Nanoparticles and Arsenic Induced Hepatotoxicity in Rats	Pakistan Veterinary Journal, 0253-8318 (Print), 2074-7764 (Online) / X Category, 2.5	44(2): 377-383, 2024
	3	The compatibility of single and combined applications of the entomopathogenic nematode, <i>Heterorhabditis indica</i> with imidacloprid against red palm weevil, <i>Rhynchophorus ferrugineus</i> (Oliv.)	Asian Journal of Agriculture & Biology, 23078553 / Y category.	8(3); 315-322, 2020
	4	Comparative effect of <i>Ricinus communis</i> (L.), <i>Moringa oleifera</i> (lam.) and <i>Citrus sinensis</i> (L.)Extracts against <i>Tribolium castaneum</i> (Herbst)	Pakistan Entomologist, 1017-1827 / Y category.	41(1); 51-55, 2019
	5	A review on phyto-genic synthesis of silver Nano-Particles and their future application with multifaced impacts	Bulletin of Environment, Pharmacology and Life Sciences, 2277-1808	8(11); 10-21, 2019

6	False Spider Mites(Acri:Tenuipalpi dae) from Nothern Punjab, Pakistan.	International Journal of Acarology, 0164-7954 / X category.	32(4); 383-386, 2006
7	False Spider Mites(Acri:Tenuipalpi dae)on Rosa Indca in Punjab, Pakistan.	Pakistan Journal of Zoology, 0030-9923 / W Category, I.F.	37(1); 39-42, 2005
8	Descriptions of Two New Species of the Genus Brevipalpus (Acari: Tenuipalpidae) Donnadiu from Punjab, Pakistan	Journal of Acarological Society of Japan, 1880-2273.	14(1); 13-18. 2005
9	Two New Species of the Genus Tenuipalpus Genus Tenuipalpus (Acari:Tenuipalpidae) from Nothern Punjab, Pakistan.	Journal of Acarological Society of Japan, 1880-2273.	13(1); 41-45, 2004
10	Record of Two New Species of the Genus Cenopalpus (Acari:Tenuipalpidae) from Punjab, Pakistan and the study of their phonetic affinities	Journal of Southwest Agriculture University China, 1000-2642.	26(1); 6-11, 2004
11	Genus Tenuipalpus (Acrina:Tenuipalpidae) from Central Punjab, Pakistan.	Systematic and Applied Acarology, 1362-1971 / W Category, I.F. 1.24 / X category.	9; 97-101, 2004
12	Mites of the Genus Brevipalpus Donnadiae (Acari:Tenuipalpidae) from Soan area of Punjab, Pakistan.	Systematic and Applied Acarology, 1362-1971 / W Category, I.F. 1.24 / X category.	9;103-107, 2004
13	Two New Species of False Spider Mites of the Genus Brevipalpus Donnadiae (Acrina: Tenuipalpidae)	Acarologia, 0044-586X, 2107-7207 / X category.	4(XLIII); 353-358, 2003

		Punjab, Pakistan.		
14	A New Species of sub group Eriophyoides (Tenuipalpus: Tenuipalpidae Acrina) from Punjab, Pakistan.	Acarologia, 0044-586X,2107-7207 / X category.	4(XLIII); 359-361, 2003	
15	New Species of the Genus Tenuipalpus (Acrina:Tenuipalpidae) from Upper Punjab, Pakistan.	Pakistan Journal of Zoology, 0030-9923 / W Category, I.F. 0.067	35(3); 205-210, 2003	
16	The relative susceptibility of different varieties of wheat to Rhyzopertha Dominica (F)	Pakistan Journal of Agriculture Science, 2076-0906,0552-9034 / Y category.	39(2); 143-145, 2002	
17	Comparative resistance/susceptibility of different Maize varieties against Rhyzopertha Dominica (F)	Pakistan Journal of Arid Agriculture, 1027-877X	8(2); 27-29, 2002	