

CURRICULUM VITAE

CONTACT DETAILS

Dr. Aasia Karim

Assistant Professor

Department of Zoology,
Sardar Bahadur Khan Women's University,
Quetta, Pakistan.

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PERSONAL INFORMATION

Full Name	Aasia Karim
Father's Name	Abdul Karim
Gender	Female
Date of Birth	9 th April
Place of Birth	Karachi, Pakistan
District of Domicile	District East Karachi, Sindh
Nationality	Pakistani
CNIC No:	42201-5430794-0
Present position	Assistant Professor (BPS-19) Department of Zoology, Sardar Bahadur Khan Women's University, Quetta, Pakistan.
Permanent address	House No: A-11, Block 7, Gulistan-E-Jouhar, Karachi, Pakistan.
Mailing address	Department of Zoology, Sardar Bahadur Khan Women's University, Quetta, Pakistan.
Marital status	Single
Passport No	BS4957941

Field of specialization in PhD/Date of degree award	Limnology and Freshwater Fisheries Biology/31 st Dec 2014
Research interests	Aquaculture, Feed formulations in aquaculture, Aquaculture economics, Development of sustainable aquaculture techniques, Fish biology.
Personal interests	Islamic religious discourse, Research on new developments in the field of biology, Tourism, and Current media.

ACADEMIC RECORD

Name of Degree	Board/ University	Year	Grade/ Division/CGPA
Ph. D (Aquaculture) “Studies on the effects of varying levels of protein on growth, weight gain and carcass composition of commercially important carps”	Department of Zoology, University of Karachi.	2012 to Dec 2014	First (3.8 CGPA)
MS/PhD (Limnology and Fresh Water Fisheries Biology)	Department of Zoology, University of Karachi.	Mar 2009 to 2011	Converted into PhD in 2012
M.Sc. Zoology (Parasitology)	Department of Zoology, University of Karachi.	2007	First class second position (81%)
B.Sc. (Hons) Zoology (Subsidiaries: Microbiology and Chemistry)	Department of Zoology, University of Karachi.	2004 - 2006	First
Intermediate (H.S.C)	Board of Intermediate Education Karachi.	2000 - 2001	First
Matriculation (S.S.C)	Board of Secondary Education Karachi.	1999	First

EMPLOYMENT RECORD

Position	Organization/	Period	Duties
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	Department		
HEC Approved Supervisor	SBK Women University, Quetta.	27 th Sep 2019 to date	<ul style="list-style-type: none"> Conduct research to student of M. Phil and Ph. D.
Assistant Professor (BPS-19)	Department of Zoology, Sardar Bahadur Khan Women's University, Quetta.	11 th Sep 2018 to date	<ul style="list-style-type: none"> Teaching of graduate, post graduate and M. Phil classes. Teaching assistance, instruction, grading assignments, practical and theory exams. Direct the work activities of biological technicians. Conduct research.
Assistant Professor (Full time contractual basis)	Department of Zoology, Federal Urdu University of Arts, Science and Technology, Karachi.	8 th February 2017 to 10 th Sep 2018	<ul style="list-style-type: none"> Teaching of graduate, post graduate and M. Phil classes. Teaching assistance, instruction, grading assignments, practical and theory exams. Direct the work activities of biological technicians. Conduct research.
Assistant Professor (IPFP)	Department of Zoology, Federal Urdu University of Arts, Science and Technology, Karachi.	8 th February 2016 to 7 th Feb 2017	<ul style="list-style-type: none"> Teaching of graduate, post graduate and M. Phil classes. Teaching assistance, instruction, grading assignments, practical and theory exams. Direct the work activities of biological technicians. Conduct research.
Research Assistant Tele Food	WWF-Pakistan	3 rd December 2012 to 30 th June 2014	<ul style="list-style-type: none"> To assess the diversity and distribution of ichthyo fauna in creek areas of Sindh, Pakistan.

Project and Creek Survey Programme under Fisheries Resources Appraisal Project (FRAP)			<ul style="list-style-type: none"> • To measure diversity of finfish species in the creek areas of Pakistan. • To measure distributional patterns of the fish fauna of creek areas of Pakistan. • To collect data for fish stock assessment in the creeks and near shore coastal waters. • To implement proper management measures for biodiversity conservation and sustainable exploitation of fishery resources.
Lecturer of Zoology (Contractual)	Govt. Degree Girls Science College Shah Faisal, Karachi.	20 th May. 2009 to 19 th May 2010	<ul style="list-style-type: none"> • Teaching of intermediate classes. • Teaching assistant instruction, grading assignments and practical exams. • Direct the work activities of biological technicians.

TASKS PERFORMED DURING JOBS

1. Served as internal and external examiner for intermediate, graduate and post-graduate classes.
2. Provided technical support for the successful completion of projects by monitoring and reports arrangement.
3. Planned ecological surveys with the team of WWF-P Marine Programme, obtaining biogeography, status, migration, spawn and habitat of animals to revolve main issues of animal conservation.
4. Create Self-Assessment Report (SAR) as a team member for Department of Zoology as an assistant professor.
5. The following courses were being taught:

a. Undergraduate Courses:

1. ZOO 301 Principles of Animal Life I
2. ZOO 302 Principles of Animal Life and Economics
3. ZOOL-308 Economic Zoology
4. ZOO 401 Invertebrate Zoology
5. ZOO 400 Animal Diversity II

b. Postgraduate Course:

1. ZOOL- 435 Fisheries A (Principles of Fish biology)
2. ZOOL- 436 Fisheries B (Fish Culture)
3. ZOOL- 435 Parasitology A (Principles of Parasitology)
4. ZOOL- 436 Parasitology B (Helminthology and Host-Parasite Relationship)
5. ZOOL-323 Research Methodology
6. ZOOL-432 Immunology
7. ZOOL-428 Clinical Parasitology (For the Dept of Microbiology)

c. MS/M. Phil Courses:

1. ZOOL 751 Research Methodology
2. ZOOL 709 Advanced Parasitology

d. Ph. D Course:

1. ZOOL-821 Advances in Parasitology
2. ZOOL-822 Medical and Veterinary Parasitology
3. ZOOL-803 Fish breeding and Hatchery Management

Ph. D RESEARCH PROJECTS AS SUPERVISOR

S-No	Name of Student	Degree	Title of Theses	Date of Enrolment	Status
1	Ayesha Siddiqa	Ph. D	Effects of different fruit peel ingredients on overall performance of Rohu (<i>Labeo rohita</i>) in intensive farming.	Sep 2023	In Progress

M. Phil RESEARCH PROJECTS AS SUPERVISOR					
S-No	Name of Student	Degree	Title of Theses	Date of Enrolment	Status
1	Bibi Naila	M. Phil	Effects of different starch sources on physical quality of fish feed pellets.	Sep 2018	Degree has been awarded
2	Bibi Hafeeza	M. Phil	Assessment of aquatic macro-invertebrates communities and water quality parameters of River Zhob.	Sep 2018	Degree has been awarded
3	Bibi Amna	M. Phil	Evaluation of Fish Meal Substitution by Earth Worm Meal in the Diet of <i>Catla catla</i> (Hamilton, 1822) in Intensive Farming.	Sep 2018	Waiting for Viva
4	Brishna Khan	M. Phil	Evaluation of Fish Meal Substitution by Pea Protein in the diet of <i>Labeo rohita</i> (Hamilton,1822) in Intensive Farming.	Sep 2018	Degree has been awarded
5	Maryum Siraj	M. Phil	Morphometric and quantitative aspects of sexual dimorphism in <i>Catla catla</i> (Hamilton, 1822) and <i>Cirrhinus mrigala</i> (Hamilton,1822) from River Bolan, Baluchistan.	Sep 2018	Degree has been awarded
6	Bibi Zartashia	M. Phil	Prevalence and factors associated with intestinal parasitic infections among rural and urban areas of Quetta, Baluchistan.	2018	Degree has been awarded
7	Khadija Kamal	M. Phil	Effects of rosewood and clove oil on as anesthetics on Gold fish (<i>Carassius auratus</i>)	June 2019	Submitted
8	Shagufta Kakar	M. Phil	Seasonal variations in reproductive biology of Mrigal (<i>Cirhinus mrigala</i> Hamilton 1822) from River Bolan, Baluchistan.	June 2019	Submitted
	Sana Wali	M. Phil	Effects of melon seed meal (<i>Cucumis melo. L</i>) on growth of Rainbow trout	Jan 2023	In progress
	Farzana	M. Phil	Effects of date palm seeds as an alternative of maize on the performance of Rainbow	Jan 2023	In progress

S-No	Name of Student	Degree	Title of Theses	Date of Enrolment	Status
1	Bibi Naila	M. Phil	Effects of different starch sources on physical quality of fish feed pellets.	Sep 2018	Degree has been awarded
2	Bibi Hafeeza	M. Phil	Assessment of aquatic macro-invertebrates communities and water quality parameters of River Zhob.	Sep 2018	Degree has been awarded
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4	Brishna Khan	M. Phil	Evaluation of Fish Meal Substitution by Pea Protein in the diet of <i>Labeo rohita</i> (Hamilton,1822) in Intensive Farming.	Sep 2018	Degree has been awarded
5	Maryum Siraj	M. Phil	Morphometric and quantitative aspects of sexual dimorphism in <i>Catla catla</i> (Hamilton, 1822) and <i>Cirrhinus mrigala</i> (Hamilton,1822) from River Bolan, Baluchistan.	Sep 2018	Degree has been awarded
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	Farzana	M. Phil	Effects of date palm seeds as an alternative of maize on the performance of Rainbow	Jan 2023	In progress

	Shehwani		trout.		
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M. Phil RESEARCH PROJECTS AS CO- SUPERVISOR

S-No	Name of Student	Level	Title of Theses	Date of Enrolment	Status
1	Kiran Iqbal	M. Phil	Comparative study of tick infestation and taxonomic identification of hard ticks on cow from Pishin and Barkhan Districts, Province Baluchistan.	May 2017	Degree has been awarded
2	Saqiba Bibi	M. Phil	Prevalence and identification of ticks in District Harnai, Baluchistan.	May 2017	Degree has been awarded
3	Gulshan Ghafoor	M. Phil	Comparative study of hard tick infestation from different breeds of cows and buffalos of Quetta and Duki Districts, Baluchistan.	May 2017	Degree has been awarded
4	Kiran Aslam	M. Phil	Comparative study of tick infestation among sheep and goats from union council Talli of District Sibbi, Baluchistan.	2017	Degree has been awarded
5	Massoma Edo	M. Phil	Assessment of growth patterns and stock assessment of sole fish <i>Cynoglossus quadrilineatus</i> collected from Makran coast of Baluchistan.	2018	Degree has been awarded
6	Partamina Farooq	M. Phil	Evaluation of changes in flesh quality of Carps (<i>Labeo Rohita</i> and <i>Cirrhinus Mrigala</i>) at different temperatures.	2019	Submitted

BS/M. Sc RESEARCH PROJECTS AS SUPERVISOR

S-No	Name of Student	Level	Title of Theses	Date of Enrolment	Status
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1	Zahra Bibi Madiha Batoon Mahnoor Bibi Rida Fatima Farhat Arif	BS	Association of Intestinal amoebiasis with health and nutritional status of children in Quetta, Balochistan.	2023	Completed
2	Mahnoor Baloch Masooma Zain Zahida Rasheed Romana Bibi	M.Sc	Effects of grasshopper protein on physical quality of fish feed pellets.	2022	Completed
3	Ambreen Malik, Amna Bugti, Irum Inayatullah, Nimra Khan and Nadia Rafiq	BS	The impact of covid-19 pandemic on fish consumption in Quetta, Pakistan.	2021	Completed
4	Samah Fatima, Sadaf Ijaz, Haleema Noor and Anila Bibi	BS	Status of fish consumption and its socio-economic impact on the population of Quetta.	2020	Completed

VIVA/THESIS EVALUATION RECORD

1. **M. Phil** viva voce examination of **Zahida Malik** (Department of Zoology, University of Balochistan) for thesis “Prevalence of cutaneous leishmaniasis in Quetta” on 31st May 2024, Supervised by Dr. Umbreen Shaheen (Department of Zoology, UoB).
2. **M. Phil** thesis titled “Evaluation of Anthropogenic Activities on The Status of Vertebrate Biodiversity and Ecology of Hub Dam Reservoir Karachi Pakistan” by **Humaira Noor** (Department of Zoology, University of Karachi) in 2024, Supervised by Dr. Roohi Kanwal (Department of Zoology, UoK).
3. **M. Phil** thesis titled “An Overview of Cattle Farming In Selected Districts of Karachi With Reference To Infectious Diseases” by **Rimsha Naseem** (Department of Zoology, University of Karachi) in 2024, Supervised by Dr. Roohi Kanwal (Department of Zoology, UoK).
4. **M. Phil** thesis titled “Effect of Different Pelleted Feeds on The Growth Performance Of *Cyprinus Carpio* (Linneaus 1758) Fingerlings And Survival Rate at Low Salinity Under Laboratory Conditions” by **Zahid Din** (Institute of Marine Science, University Of Karachi) in 2021, Supervised by Dr. Muhammad Shoaib Kiani (Institute of Marine Science, UoK) and Co-Supervised by Dr. Ghulam Abbas (Centre of Excellence in Marine Biology, UoK).
5. **M. Phil** thesis titled “Analyses of Updated Records of Some Large Marine Vertebrates and Their National Conservation Legislation” by **Bushra Shafiq** (Institute of Marine Science, University Of Karachi) in 2023, Supervised by Dr. Muhammad Shoaib Kiani (Institute of Marine Science, UoK).

RESEARCH EXPERIENCES

1. One-year research experience of parasitological lab from February 2007 to February 2008.
2. Slides preparation of Cestode Parasites and their taxonomical studies on the basis of identifying characters.
3. Conduction of pelagic and bottom trawl in different field trips.
4. Trained for sampling, handling, analysing and identification of marine and fresh water species (vertebrates and invertebrates) from 04 to 24 December 2012 at **Marine Fisheries Department** under **Creeks Surveys Programme WWF-P.**
5. Bathymetric studies (Topographic mapping by Dr Depth).
6. Feed formulation for fishes and its effects on fish production in polyculture system.

7. Statistical analysis of data by using MS Excel and Minitab 16.1, 17 and SPSS.

LIST OF PUBLICATIONS

1. Published Papers

S-N	Title of Paper	Authors	Journal	HJRS Category	Impact Factor	ISSN Number
1	Effects of Temperature Variation and Pellet Dimension on Settling Velocity of Fish Feed Pellets.	Muhammad Shoaib, Aasia Karim , Samreen Imtiaz and SaimaNaz (2013).	<i>Pak. J. Sci. Ind. Res.</i> 56(3), 154-160.	X	Nil	2221-6421 (Print); ISSN 2223-2567 (Online)
2	Competitive Analysis of Adequate Fitness of Nitrogen in Fish Ponds Treated With Organic and Inorganic Fertilizers.	Mohammad Shoaib, Syed Anser Rizvi and Aasia Karim & Mohammad Nasir (2014).	<i>Int. J. Biol. Res.</i> , 2(2): 95-99.	Z	Nil	ISSN: 2310-9564
3	Effects of Ovaprim on Reproductive Performance of Fresh Water Carp <i>Cirhinus mrigala</i> (F. Hamilton 1822).	Muhammad Shoaib, Muhammad Nasir and Aasia Karim (2014).	<i>Int. J. Biol. Res.</i> , 2(2): 129-134	Z	Nil	ISSN: 2310-9564
4	Economic Viability and Cost Benefit Analysis of Small Scale Polyculture of Carps.	Aasia Karim , Mohammad Shoaib and Sobia Khwaja (2016).	<i>Int. J. Biol. Res.</i> , 4(1): 14-16.	Z	Nil	ISSN: 2310-9564
5	Weight Relationship and Condition Factor of <i>P. conchonius</i> (<i>Rosy Barb</i>) with Special Reference to Maturity in Females.	Mohammad Shoaib and Aasia Karim (2016).	<i>Int. J. Biol. Res.</i> , 4(2): 18-20.	Z	Nil	ISSN: 2310-9564
6	Organochlorine: Exposure and Risk of Breast Carcinoma.	Sobia Khwaja, Rubina, Mushtaq, Rehana, Mushtaq, Aasia, Karim , Muhammad	<i>FUUAST J. BIOL</i> 6(2): 165-170.	Y	Nil	(ISSN: 2222-0356)

		Asadullah Siddiqui and Qaiser Jamal. (2016).				
7	Condition factor and seasonal variation in Length-weight relationship of <i>Acanthopagrus arabicus</i> from Karachi Coast, Pakistan.	Shagufta, Riaz, Muhammad, Atiqullah. Khan, Faheem, Ahmed. & Aasia, Karim. (2017).	<i>Journal of Entomology and Zoology Studies;</i> 5(3): 448-454.	Int	Nil	
8	An Evaluation of Optimal Dietary Protein Requirements of All Parts Chicken Meal for Indian Major Carps (<i>Cattla Cattla</i> , <i>Labeo rohita</i> and <i>Cirhinus mrigala</i>).	Aasia Karim & Mohammad, Shoaib. (2018).	<i>Turkish journal of fisheries and aquatic sciences;</i> 18(2);22 3-227.	W	0.6	ISSN:1303-2712 E-ISSN:2149-181X
9	Estimation of Glucose and Lipase Level in Cestode Parasites of Domestic Pigeons (<i>Columba livia</i>) (Gmelin, 1789).	Shazia Nisar, Aasia Karim & Mohammad Zahid. (2018).	<i>FUUAST J.BIOL.</i> , 8(1): 113-116.	Z	Nil	(ISSN: 2222-0356)
10	Influence of Feed Ingredients on Water Quality Parameters in an Intensive Polyculture of Carps.	Aasia, Karim & Mohammad, Shoaib. (2018).	<i>FUUAST J.BIOL.</i> , 8(1): 117-122.	Z	Nil	(ISSN: 2222-0356)
11	Seasonal variations in physico-chemical parameters of Buleiji and Paradise Point rocky shores at Karachi coast.	Fatima Hayat Shaheen Zafar, Zarrien Ayub, Aasia Karim and Mohammad Zahid (2018).	<i>International Journal of Environment and Geoinformatics</i> 5(2) 154-168.	Int	Nil	
12	Relationship of Infertility with Weight and Polycystic Ovarian Syndrome (PCOs)	Arefa Akhter, Rubina Mushtaq, Aasia Karim and	<i>FUUAST J.BIOL.</i> , 8(2):	Z	Nil	(ISSN: 2222-0356)

	in Specific Female Population of Karachi, Pakistan.	Sobia Khawaja (2018).	293-297.			
13	Investigation of Changes in Water Quality Parameters by Increasing Inclusion Level of Different Dietary Protein Ingredients.	Aasia Karim , Mohammad Shoaib (2018).	<i>FUUAST J.BIOL.</i> , 8 (2): 299-304.	Z	Nil	(ISSN: 2222-0356)
14	Influence of Corn Gluten Meal on Growth Parameters and Carcass Composition of Indian Major Carps (<i>Catla catla</i> , <i>Labeo rohita</i> and <i>Cirhinus mrigala</i>).	Aasia Karim and Mohammad Shoaib (2019).	Turk. <i>J. Fish. & Aquat. Sci.</i> 19(1), 1-6.	W	0.7	ISSN:1303-2712 E-ISSN:2149-181X
15	Estimation of alkaline phosphatase and protein content in different species of cestode parasites of domestic pigeons (<i>Columba Livia</i>) (Gmelin, 1789).	Shazia Nisar, Muhammad Zahid, Syed Ikhlaq Hussain, Aasia Karim and Uzma Mehboob (2019).	<i>FUUAST J. BIOL.</i> , 9 (2): 223-226.	Z	Nil	(ISSN: 2222-0356)
16	Prevalence and taxonomic identification of hard ticks (<i>Ixodidea</i>) found in livestock of Harnai District Balochistan, Pakistan.	Saqiba Bibi, Nosheen Rafique, Aasia Karim , Muhammad Kamran Taj, Kiran Iqbal, Asifa Bibi, Muhammad Shafiq, Gulshan Ghafoor, Aeysha Ghafoor and Ambreen Ijaz (2020).	Pure and Applied Biology. Vol. 9, Issue 4, pp 2330-2338.	Z	Nil	Online ISSN: 2304-2478
17	Morphological identification and prevalence of hard ticks (family; Ixodidae) in cows at District Pishin, Baluchistan Pakistan.	Kiran Iqbal, Nosheen Rafique, Aasia Karim , Ambreen Ijaz, Muhammad Kamran Taj, Asmatullah Kakar, Zaib-Un-Nisa Hanif, Saqiba Bibi, Gulshan Ghafoor, Ayesha	Pure Appl. Biol., 10(1): 272-279,	Z	Nil	Online ISSN: 2304-2478

		Ghafoor and Muhammad Shafiq (2021).				
18	Bioavailability of Ca, K, Mg and Na in Arabian Yellow Finned Sea Bream (<i>Acanthopagrus arabicus</i>) with Estimated Daily Intake for Human Consumption	Shagufta Riaz, Muhammad Atiqullah Khan , Zafar Iqbal Shams , Syed Anser Rizvi , Aasia Karim and Sofia Khalique Alvi (2021).	Pak. j. sci. ind. res. Ser. B: biol. sci. 2021 64B (3) 225-230.	Y	Nil	2221-6421 (Print); ISSN 2223-2567 (Online)
19	Pattern And Prevalence of Congenital Malformation And Genetic Disorders Among Offspring of Consanguineous Parents In Quetta	Ambreen Ijaz, Maryam Muhammad Ali, Shubana Kausar, Khadija Saif, Masooma Mukhtar Hussain, Razia Muhammad Tawakal, Palwasha Tariq, Tahir Hameed, Gul Makai, Muhammad Masood Tariq Kiani, Nosheen Rafique , Aasia Karim , Zuhra Bibi (2022)	Pak Euro Journal of Medical and Life Sciences. Vol. 5 No. 1 2022: pp. 75-80	Y	Nil	Print ISSN: 2707-4471. Online ISSN: 2707-448X
20	Consequences of fasting on different anthropological and physiological parameters	Ambreen Akram, Rubina mushtaq, Sobia Khwaja, Aasia Karim , Nadia Saeed and Sajida Parveen (2022)	Journal of Xi'an Shiyou University, Natural Science Edition, Vol. 18 (12), 2022 pp460-468 https://www.xisdxjxsu.asia/V18I12-40.pdf	X	0.3	ISSN: 1673-064X
21	An estimation of optimum dietary concentration of soy bean meal for carps	Aasia. Karim, M. Shoaib, Sobia Khwaja, Shazia	Brazilian Journal	X	1.7	10.1590/1519-6984.25

	(<i>Catla catla</i> , <i>Labeo rohita</i> and <i>Cirhinus mrigala</i>).	Nisar, Shagufta Riaz, Saima Siddiqui, Shabana Ansari and Sana Riaz	of Biology			3613. eC ollection 2021.
22	Effect of biosal®, deltamethrin and lambda-cyhalothrin on the activity of GOT, GPT and total protein contents in two fodder pests <i>Hermolaus modestus</i> and <i>Hermolaus ocimumi</i> .	Syed Ikhlaq Hussain, Sobia. Khwaja, M. Zahid, Aasia. Karim, Z. Aziz, Shazia Nisar and H. N. Abbas	Brazilian Journal of Biology	X	1.7	10.1590/ 1519- 6984.25 3948. eC ollection 2021.