

Dr. Amina Ayub

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Department of Zoology, Wildlife and Fisheries

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159/A New Shalimar Housing Scheme Salamat Pura Lahore Cantt.

Objectives & Professional Summary

The objective of this CV is to present myself as researcher and teacher.

Education & Dissertation

2021

University Of Veterinary And Animal Sciences, Lahore

Ph.D In Zoology-



Thesis: IMPROVING PERFORMANCE OF LABEO ROHITA AT DIFFERENT DEVELOPMENTAL STAGES FED LOW CRUDE PROTEIN DIETS SUPPLEMENTED WITH LIMITING AMINO ACIDS

2018

Allama Iqbal Open University , Lahore, Pakistan

B.ED. In Science education –



Thesis: The impact of class room environment on student learning.

2017

University Of Veterinary And Animal Sciences, Lahore

M.Phil. In Zoology



Thesis: Effect of Ricinus communis seed extract on growth, hematology and histology of Labeo rohita

2014

University Of Veterinary And Animal Sciences, Lahore

BS (HONS). In Applied Zoology



(This degree was awarded by UVAS to BS (HONS). Fisheries & Aquaculture degree holders after further study of one year)

2013

University Of Veterinary And Animal Sciences, Lahore

BS (HONS). Fisheries & Aquaculture



Thesis: Effect of inclusion of Conocarpus erectus in feed of Labeo rohita and its effect on Growth, Hematology, Digestibility and Enzyme Level

Responsibilities:

- Advisor/HOD Department of Zoology, Botany and Chemistry University of Agriculture, Faisalabad (Okara Campus)
- Teaching classes of BS Zoology & M. Phil Zoology and Other Short Courses Conducted by the Continuing Department of University.
- Supervision of the Research Projects of the Undergraduate and Postgraduate Students.

MEMBERSHIP OF UNIVERSITY STATUTORY BODIES

Member: Associate Director Student Affairs

Member: Student Record Branch

Deputy Senior Tutor: University of agriculture, Faisalabad, sub-campus Depalpur Okara.

Member: Smart Classroom, IT Audio-Visual Labs, Public Relations and Publications.

Incharge: Female sports.

Member: University Library committee.

Member: Central Examination Committee.

Incharge: Vigilance committee.

Superintendent: Female hostels. (2022-2023) (March 2024 to date)

Member: Management of female students matter.

Member: Anti-drug and tobacco Committee.

Member: Ethics Committee.

Member: Admission Committee.

Member: Scrutiny Committee.

Member: Result Review Committee.

Degree Advisor and Tutor: Botany, Zoology and Chem

MEMBERSHIP OF PROFESSIONAL SOCIETIES

Fellow : UVAS Fisheries & Aquaculture Society, UVAS, Lahore

Fellow : APTA

Fellow : UVAS Alumni Association

Fellow: Qirtas literary society. UVAS Lhr.

Journal Editor : Journal of wildlife and ecology (HEC recognized)

PUBLICATIONS:

BOOK AUTHOR

“ Ethno-medicinal Approach to Cure Animal Diseases” 2023. Unique Scientific Publishers. 223-229. ISBN-978-969-2201-07-0

NEWS PAPER ARTICLES

“Research can play significant role in fish production”, Published in “*DAILY BUSINESS*” 13th January, **2021**.

Experience:

- Two years research experience as Fisheries Research Assistant at Punjab Fisheries Department.
- Working as Assistant Professor from 16-feb-2022 to date.

RESEARCH ARTICLES IN JOURNALS

1. Khan AM, Altaf M, Hussain T, Hamed MH, Safdar U, **Ayub A**, Memon ZN, Hafiz A, Ashraf S, Amjad MS, Majeed M. Ethnopharmacological uses of fauna among the people of central Punjab, Pakistan. *Frontiers in Veterinary Science*. 2024 Apr 12;11:1351693.
2. Waqas Ali, Syed Mohsin Bukhari, **Amina Ayub**, Ghulam Qadir, Mudasar Hussain, Mohsin Masood, Naseem Akhtar, Hamad Alam, Laiba Nawaz, Arshad Javid. 2024. Molecular identification of Herpetofauna from Punjab, Pakistan, using mtDNA genes. 8(3): 389-402. *Journal of wildlife and biodiversity*.
3. Muhammad Ahmad, Shakeela Parveen*, Fayyaz Rasool, **Amina Ayub**, Shahid Mahmood, Zeeshan Ashraf, Shumaila Maryam, Tahreem Fatima, Kashif Manzoor. 2024. Effect of roselle anthocyanin extract on gut microbiota and immune response in *Cyprinus carpio* And *Ctenopharyngodon idella* Vol.31 No. 7 (2024) *Journal of Population Therapeutics* (435-447).
DOI: 10.53555/jptcp.v31i7.6957
4. Sumbal, Shakeela Parveen*, Fayyaz Rasool, **Amina Ayub**, Muhammad Ahmad, Arooj, Sadia Parveen, Orba, Talib Hussain. 2024. Effect of dietary marine yeast and *saccharomyces cerevisiae* on microbial composition and immune response of *Cyprinus carpio*. Vol.31 No. 7 (2024) *Journal of Population Therapeutics* (201-209).
DOI: 10.53555/jptcp.v31i7.6845
5. Muhammad Farhan Nasir, Muhammad Asif Shahzad, Muhammad Nadeem, Asrar Ahmed Sabir, Kashif Ali, Malaika Ashfaq, Afreen Fatima, Mamoona Nisar, **Amina Ayub**, Asma Ashraf, Danish

- Riaz. 2023. Social dynamics of *Alectoris chukar*: Observing Behaviour & Responses in the context of Public from Zoos. Onomazein.
6. Muhammad Farhan Nasir, Muhammad Naeem, Kashif Ali, Danish Riaz, Asma Ashraf, **Amina Ayub**, Majeeda Rasheed, Jannat Shafi. 2023. Haematological Profile Of Farmed Clarias Batrachus With Reference To Length And Weight From Multan, Pakistan. Russian Law Journal. Volume XI (2023) Issue 5.
 7. Sumaira Abbas, Asia Iqbal, Shahbaz Anwari, Kashif Ali, Ayesha Riaz, **Amina Ayub**, Muhammad Farhan Nasir, Rida Amjad, Maham Saleem . 2023. Immuno-Stimulating Actions Of Garlic (*Allium Sativum*) On Haematolo-Immunological Parameters, Intestinal Micro-Flora And Growth Performance In *Labeo Rohita* (Rohu). Journal of Population Therapeutics & Clinical Pharmacology.
 8. M. Butt , S. Perveen , F. Rasool , **A. Ayub** , K. Ali. A. Sajjad, M. F. Nasir, S. Kanwal, E. Muzammil, I. Chaudhary and A. S. Magsi, 2023 Genetic variation between hybrid (*Labeo rohita* ♂, *Cirrhinus mrigala* ♀ and *Labeo rohita*) by RAPD marker. Brazilian Journal of Biology <https://doi.org/10.1590/1519-6984.268551>.
 9. **Amina Ayub**, Fayyaz Rasool, Noor Khan, Shafqat Nawaz Qaisrani, Shakeela Parveen, Khalid Mehmood Anjum, Mahroze Fatima, Matiullah, Shahid Mehmood and Talha Zulfiqar, 2021. Limiting amino acids supplementation in low crude protein diets and their impacts on growth performance and carcass composition in *Labeo rohita* (rohu) adult fish. Brazilian Journal of Biology, 83(2): 1-8 (IF = 1.465).
 10. **Amina Ayub**, Fayyaz Rasool, Noor Khan, Shafqat Nawaz Qaisrani and Shakeela Parveen, 2021. Limiting amino acids supplementation in low crude protein diets and their impacts on growth
 - a. performance, body composition, amino acids profile and hematology of *Labeo rohita* fingerlings. Pakistan Journal of Agricultural Sciences, 58(1): 151-160 (IF = 0.748)
 11. **A Ayub**, F. Rasool, N. Khan, S. N. Qaisrani and S. Parveen, 2022. Limiting amino acids supplementation in low crude protein diets and their impacts on growth performance, body composition, amino acids profile and hematology of *Labeo rohita* fry. Journal of Animal and Plant Sciences, 32(4): 1127-1135 (IF = 0.490).
 12. Arslan Amin HM, Inayat S, Gulzar N, Bhatti JA, Masood S, **Ayub A**, Kanwal S, Batool M, Ajmal M, Mustafa G. Addition of transglutaminase enzyme in camel milk yoghurt to increase its sensorial aspects. Brazilian Journal of Biology. 2023 Jan 23;84.
 13. Manzoor K, Rasool F, Parveen S, Hafeez-ur-Rehman M, Mahmood S, **Ayub A**. Impact of feed with varying crude protein (CP) levels on growth performance of different fish species cultured under similar regimes. International Journal of Applied and Experimental Biology. 2023;2(1):33-42.

ABSTRACTS IN CONFERENCE PROCEEDINGS:

1. Kashif Manzoor, Fayyaz Rasool, Shakeela Parveen, Muhammad Hafeez-ur-Rehman, Matiullah, Shahid Mahmood and **Amina Ayub**. 2021. Impact of feed with varying crude protein (CP) levels on growth performance of different fish species cultured under similar regimes. 4th International

Conference on Innovative Biological and Public Health Research, Department of Zoology, GCU Lahore (December 07-08, 2021).

2. Ali Hasan, Javed Iqbal Qazi,* Fouzia Tabssum, Khalid Ali, Ali Hussain, Shehzad Ahmad, Natalia kharabadze, **Amina Ayub**. 2023. Recent methodology to enhance Royal jelly production by improving honeybee's diet. The 9th International Conference on Agricultural and Biological Sciences (ABS 2023).

Ali Hasan, Javed Iqbal Qazi* , Fouzia Tabssum , Ali Hussain , Shehzad Ahmad , **Amina Ayub** and Natalia kharabadze.2023. Effect of organic acids and probiotics on intestinal health of Apis mellifera. IBPHR-2023.

3. Ali Hasan, Javed Iqbal Qazi*, Fouzia Tabssum, Ali Hussain, Shehzad Amad and **Amina Ayub**. 2023. Apipromoting potential of probiotics and acidifying agent concerning hypopharyngeal gland development, longevity, feed consumption and midgut health of Apis mellifera. IBPHR-2023.

4. Ali Husnain , **Amina Ayub** *, Adnan Mukhtar , Saed Akram Khan , Kashif Ali and Farhan Nasir.2023. Role of indispensable Amino acids on Growth performance of common carp (Cyprinus carpio). IBPHR-2023.

5.**Amina Ayub*** .2023. Effect of Arand (Ricinus Communis) seed extract (Castor oil) on growth, Hematology and Proximate Analysis Of Labeo rohita. 2nd Two-Day International Conference on Zoological Emerging Scientific Trends. ZEST 2023.

6. **Amina Ayub***, Muhammad Ashraf, Sumaira Abbas and Hamda Azmat.2013. Effect of inclusion of conocarpus in feed of Labeo rohita and its effect on growth, hematology and organoleptic qualities of flesh.

7. Atif Husain, Muhammad Zohaib, Sana Ashraf, **Amina Ayub**, Sundas Asghar, Zaib un Nisa, Iqra Nawaz, Sajad Asghar. Breeding Biology and conservation status of insectivorous Bird bank Myana (Acridotheres Ginginianus) ZEST 2023.

CONFERENCES/SEMINAR/WORKSHOPS ORGANIZED

- Organized One Day National Seminar on World Wildlife Day 3March 2022 at University of Agriculture Faisalabad, Sub-campus Depalpur Okara.
- Organized One Day National Seminar on “Role Of Tilapia fish to Control Dengue” at University of Agriculture Faisalabad, Sub-campus Depalpur Okara. 28sep2022.
- Organized One Day Capacity Building Training Workshop On “Strengthening Digital Inclusion And Online Security For Women” at University of Agriculture Faisalabad, Sub-campus Depalpur Okara. 10 oct 2022.
- Organized One Day National Seminar on “World Fisheries Day” at University of Agriculture Faisalabad, Sub-campus Depalpur Okara. 21Nov2022.
- Organized One Day National Workshop on “Taxidermy” at University of Agriculture Faisalabad, Sub-campus Depalpur Okara. 02Feb2023.

- Organized One Day National Seminar on “World Fisheries Day” at University of Agriculture Faisalabad, Sub-campus Depalpur Okara. 21Nov2023.
- Organized two days training workshop on gender-based violence through a joint venture with Al Nisa Welfare society, Okara at University of Agriculture Faisalabad, Sub-campus Depalpur Okara. 1feb2024- 2feb 2024.

WORKSHOPS/CONFERENCES/TRAININGS ATTENDED

- Invited Speaker on “Fish Diversity and their feeding requirements” virtual seminar was organized by University of Education Vehari campus.
 - Management of open water fisheries in Pakistan, issues and options at Chashma Barrage Disst. Mianwali.
 - World Fisheries Day conferences 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 at UVAS Lahore.
 - 31st International Zoological Conference 2013 at Islamabad.
 - Two days 1st International Aquaculture Conference 2014 at Pearl Continental hotel Lahore.
 - Fish farmer convention on 10th June 2014 at Fisheries research and training institute Manawan
 - Trends and Innovation in food processing technology: Prospects and Challenges 2018.
 - International Fisheries and Aquaculture Conference 2019 at Faletti’s Hotel Lahore.
 - World Fisheries Day conference 2019 at fisheries research and training institute Manawan.
 - International Conference on innovative biological and public health Research 2023 at Government college university Lahore.
 - Seminar on healthy protein by sustainable aquaculture at Government college university Lahore 28Nov2023.
 - International Fisheries and Aquaculture conference 2023 Organized by University of the Punjab Lahore.
 - Computer science exhibition organized by University of Agriculture Faisalabad sub-campus Depalpur okara.December2023
 - Seminar on sustainable nitrogen fertilizer management for improved soil and water quality at University of Agriculture Faisalabad sub-campus Depalpur okara. 2023
 - Workshop on maximizing chances of publication, data handling, manuscript write up and graphs, figures preparation. 2023.

TRAININGS/ WORKSHOPS ATTENDED:

Two day training workshop organized by Punjab Higher Education Commission entitled “ Use on generative Artificial Intelligence in Higher Education”

STUDENTS SUPERVISED

Undergraduates: 39

Postgraduates (M. Phil)

Students under Supervision

- M. Phil: 05
- Graduate : 77