

Pakistan Veterinary Medical Council (PVMC) Reg. No. 3217
Pakistan Veterinary Medical Council Faculty Reg. No. 246

CURRICULUM VITE OF

ERUM BUGHIO

Ph.D (Scholar, UVAS), M.Sc. (Hons.), D.V.M (SAU)

Lecturer/Incharge Chairperson

Department of Poultry Production

Faculty of Animal Production & Technology



SHAHEED BENAZIR BHUTTO
UNIVERSITY OF VETERINARY AND ANIMAL SCIENCES, SAKRAND
PAKISTAN

Erum Bughio
Lecturer/In-charge Chairperson,
Department of Poultry Production
Faculty of Animal Production & Technology
Shaheed Benazir Bhutto
University of Veterinary and Animal Sciences,
Sakrand-67210, Pakistan



PROFILE

Erum Bughio, born on February 05th, 1975 in district Hyderabad (Matiari) Sindh, Pakistan; got her Primary and Secondary Education from Govt. Girls High School, Tandojam, F. Sc. from Govt. Nazerath Girls College Hyderabad, admitted to SAU, Tandojam where she obtained her basic degree D.V.M (Doctor of Veterinary Medicine) and M.Sc. (Hons.) in Animal Husbandry & Veterinary Sciences (Poultry Husbandry) in 1999 & 2004 respectively; securing 1st class throughout her academic carrier and won several awards/scholarships for her outstanding academic achievements.

She, joined K&Ns Research Institute, Karachi in 2000 as Assistant Research Officer, where she conducted various serological and bacteriological tests. Later she joined Baqai College of Veterinary Sciences, Baqai Medical University, Karachi from 2002 to 2007 as senior Lecturer to taught the D.V.M. courses.

Bughio, also worked in NRSP & BBSYDP, Hyderabad from 2007-13 as a Master Trainer to provide the Veterinary services to the poor farmers at their door step especially rural women. During the same period she conducted various workshops and seminars on modern livestock and poultry farming.

Later, she joined Shaheed Benazir Bhutto University of Veterinary and Animal Sciences (SBBUVAS), Sakrand in 2013 as Lecturer in Poultry Production discipline. She is a prolific writer and has authored over 10 research papers/articles published in international and refereed national journals of international repute.

She, has an experience of over 15 years & distinguished career in research, extension and teaching, with broad experience in poultry farming especially broiler production & alternative approaches to teaching and outreach programs, in recent advances and future trends in poultry science. He also conducted several examinations of M.Sc. (Hons.) & M. Phil scholars as external examiner.

Bughio, attended various national/international conferences & workshops and is a member of many professional societies and also member on various university committees including; Discipline Committee, Grievance Committee, Teacher-Student-Organizing Committee, Harassment Cell Committee, Member Board of Faculty, and also member of various Boards of Studies.

Bughio, at present post-graduate student (Ph.D Scholar) of Department of Poultry Production, Faculty of Animal Production and Technology, University of Veterinary and Animal Sciences, Lahore, Pakistan.

1. PERSONAL DETAILS

FULL NAME: **ERUM BUGHIO**
FATHER'S NAME: **MUHAMMAD PARYAL**
SURNAME: **BUGHIO**
DATE OF BIRTH: February 05th, 1975
CNIC NO: 41303-1556115-6
DOMICILE: Matiari (Rural) SINDH
NATIONALITY: PAKISTANI

OFFICIAL ADDRESS: Lecturer/In-charge Chairperson
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2. ACADEMIC QUALIFICATIONS

<u>Degree</u>	<u>Year</u>	<u>Divison/Grade</u>	<u>Major Subject(s)</u>	<u>Board/Institution</u>
Ph.D (Doctor of Philosophy)	2017	In Progress	Poultry Production	University of Veterinary and Animal Sciences, Lahore, Pakistan
M.Sc. (Hons.) (Master of Science)	2004	1 st Division	Poultry Husbandry	Sindh Agriculture University Tandojam, Pakistan.
D.V.M. (Doctor of Veterinary Medicine)	1999	1 st Division	Animal Husbandry & Veterinary Sciences	Sindh Agriculture University Tandojam, Pakistan.
HSC- II (Higher Secondary Certificate)	1993	1 st Division	Biology (Pre-Medical)	Board of Intermediate & Secondary Education Hyderabad, Pakistan.
SSC- II (Secondary School Certificate)	1990	1 st Division	Science	Board of Intermediate & Secondary Education Hyderabad, Pakistan.

3. WORK EXPERIENCE

<u>FROM</u>	<u>TO</u>	<u>POSITIONS HELD</u>
October, 19, 2016	To-Date	In-charge Chairperson Department of Poultry Production, Faculty of Animal Production & Technology, Shaheed Benazir Bhutto University of Veterinary and Animal Sciences, Sakrand-67210, Sindh, Pakistan.
Feb, 2014	To-Date	Lecturer (BPS-18) Department of Poultry Production, Faculty of Animal Production & Technology, Shaheed Benazir Bhutto University of Veterinary and Animal Sciences, Sakrand-67210, Sindh, Pakistan.
June, 2012	Jan, 2013	Master Trainer BBSYDP Hyderabad, Sindh, Pakistan.
19 Feb, 2007	June, 2010	Veterinary Officer PMSLI Project (NRSP), Tando Allahyar, Sindh, Pakistan
Nov, 2002	16 Feb, 2007	Senior Lecturer Baqai Medical University, (Baqai College of Veterinary Sciences, Karachi, Sindh, Pakistan.
June, 2000	Sep, 2001	Assistant Research Officer K&Ns Poultry Diagnostic Lab & Research Institute, Karachi, Sindh, Pakistan.

4. RESEARCH EXPERTISE & DEVELOPMENTAL WORK

1. Prevention and control of Poultry and Livestock diseases particularly Bacterial, Viral and Parasitic, etc.
2. Laboratorial skills such as: sample collection, submission, processing, culture, isolation and identification.
3. Working and coordination with other team members/farmers and result oriented.

5. RESEARCH AREAS

1. **Research area** : Poultry Production
2. **General** : Broiler Production, Table and Hatching Egg production.

6. COMPUTER SKILLS

Good command on following software Packages:

- i. Minitab computer package.
- ii. Microsoft Excel spread sheets, Microsoft office Word and Microsoft office Power Point, 2007.

7. TRAININGS RECEIVED/ATTENDED

1. Three days Training on "*Agriculture Production System Simulator (APSIM) Modelling*" Organized by Climate Change Chair, USPCAS-AFC, At DLC-2, University of Agriculture Faisalabad-UAF from August 30th To 1st September, 2016.
2. Four days Training on "*Assessing Research Proposals*" Organized by Higher Education Commission (HEC) under Tertiary Education Support Program (TESP) at Center for

Executive Education (CEE), Institute of Business Administration (IBA), University of Karachi from 3rd To 6th August, 2015.

3. NRSP, OTW. 2007, Islamabad, Pakistan.
4. BBSYDP, Training of Trainers, 2012. Tando Muhammad Khan, Pakistan

8. ADMINISTRATIVE AND OTHER EXPERIENCE:

1. ***In-charge Chairperson*** 19th October, 2016
Department of Poultry Production,
Faculty of Animal Production & Technology,
Shaheed Benazir Bhutto
University of Veterinary and Animal Sciences, Sakrand, Pakistan
To Date
2. ***Lecturer (BPS-18)*** February, 2014
Department of Poultry Production,
Faculty of Animal Production & Technology,
Shaheed Benazir Bhutto
University of Veterinary and Animal Sciences, Sakrand, Pakistan
To Date
3. ***Member, Directorate of Students Affairs*** February, 2015
Shaheed Benazir Bhutto
University of Veterinary and Animal Sciences, Sakrand, Pakistan
To Date
4. ***Member, Disciplinary Committee***
Shaheed Benazir Bhutto
University of Veterinary and Animal Sciences, Sakrand, Pakistan
May 2015 To Date
5. ***Tabulator (Examinations)***
Shaheed Benazir Bhutto
University of Veterinary and Animal Sciences, Sakrand, Pakistan
June, 2015 To Date
6. ***Checker (Examinations)***
Shaheed Benazir Bhutto
University of Veterinary and Animal Sciences, Sakrand, Pakistan
June, 2015 To Date
7. ***Member, Teacher-Student-Organizing Committee-TSOC***
Shaheed Benazir Bhutto
University of Veterinary and Animal Sciences, Sakrand, Pakistan
24-02-2016 To
Date
8. ***Member, Grievance Committee***
Shaheed Benazir Bhutto
University of Veterinary and Animal Sciences, Sakrand, Pakistan
10-03-2016 To
Date
9. ***Member, Harassment Cell Committee*** January, 2017
Shaheed Benazir Bhutto
University of Veterinary and Animal Sciences, Sakrand, Pakistan
To Date

9. MEMBERSHIP OF PROFESSIONAL SOCIETIES/COMMITTEES

1. Pakistan Veterinary Medical Council (PVMC). RVMP/3217 (Member)
2. Pakistan Veterinary Medical Council (PVMC) RVMF/246 (Member)
3. Pakistan Veterinary Medical Association (PVMA), Sindh Zone (Life Member)
4. Alumni Association, Sindh Agriculture University Tandojam, Pakistan (Life Member)

10. SEMINARS/CONFERENCES/WORKSHOPS ATTENDED

1. "Conference on Recent Trends in Food Processing and Technology" held on November 15-16, 2017, organized by Department of Dairy technology, University of Veterinary and Animal Sciences, Lahore, Pakistan.
2. "1st International Conference on Poultry Processing: Farm to fork Management" held on November 01-20, 2017, organized by Department of University of Veterinary and Animal Sciences, Lahore, Pakistan.
3. 3rd International Conference on Agriculture Food and Animal Sciences held on 10-11 January, 2017 at Sindh Agriculture University Tandojam, Pakistan.
4. 2nd International Conference on Agriculture, Food and Animal Sciences held on 25-26 February 2015 at Sindh Agriculture University Tandojam, Pakistan

11. LIST OF PUBLICATIONS

1. Dissertations	01
2. Research Papers Published (National/International)	04
3. Research Papers Under Publication Process (National/International)	03
4. Abstracts Published in National/International Conferences	15
5. Cumulative Impact Factor	0.866
6. Extension Articles/Circulars in Popular Press	06

12. DISSERTATIONS

1. **Erum Bughio** (2004). Effect of age and route of administration on the efficacy of various live infectious bursal disease vaccines in broilers. *M.Sc. (Hons.) Thesis*. Department of Poultry Husbandry, Faculty of Animal Husbandry and Veterinary Sciences, Sindh Agriculture University Tandojam, Pakistan.

13. PUBLICATIONS

A. Published

1. A. S. Jatoi, N. Akhter, **E. Bughio**, A. H. Mirani and B. Bhutto (2018). Prevalence of cestodes in selected small scale commercial poultry farms of Hyderabad Sindh. *Pak. J. Agri., Agril. Engg., Vet. Sci.*, 34 (1): 98-104. (HEC Recognized. Y Category).
2. **Bughio, E.**, A. S. Jatoi, M. Memon, R. Bughio, P. A. Khoso, Z. A. Khoso and A. A. Baloch. (2017). Effect of age and route of administration on the efficacy of live infectious bursal disease vaccines in broiler. *Sarhad Journal of Agriculture*, 33(2): 232-239. (HEC Recognized. W Category).
3. A. S. Jatoi, A. W. Sahota, M. Akram, K. Javed, M. H. Jaspal, S. Mehmood, J. Hussain, H. M. Ishaq and **E. Bughio** (2015). Egg quality characteristics as influenced by different body sizes in four close-bred flocks of Japanese quails (*Coturnix coturnix japonica*). *The J. Anim. Plant Sci.*, 25(4): 935-940. (JCR Impact Factor: 2013 = 0. 459).
4. Ahmad Sultan Jatoi, Nasreen Akhter, Bachal Bhutto, Amjad Hussain Mirani, Izhar Hyder Qazi, Ghulam Mujtaba Mari, **Erum Bughio** and Rahmat Ullah Sanjrani (2015). Productive potential of imported and local flocks of Japanese quails (*Coturnix coturnix Japonica*) during pre-peak period. *Cells, Animals and Therapeutics (CAT)*. 1(2): 8-12.

B. Under Publication Process

1. **Erum Bughio**, Ahmed Sultan Jatoi, Jibrán Hussain, Muhammad Hayat Jaspal, Shahid Mehmood, Abdul Waheed Sahota, Khalid Javed, Athar Mahmud, Reema Bughio and Hafiz Muhammad Ishaq (2018). Effect of Continuous and intermittent lighting regimens during growing period on some egg quality traits in local and imported strains of Japanese quails (*Coturnix Coturnix Japonica*). Submitted in: *Pakistan Journal of Agricultural Research*. ID: MH20180708100735. (HEC Recognized. Y Category).
2. **Erum Bughio**, Ahmed Sultan Jatoi, Jibrán Hussain, Muhammad Hayat Jaspal, Athar Mahmud, Shahid Mehmood, Reema Bughio and Hafiz Muhammad Ishaq (2017). Comparative Study of Carcass Traits in Four Strains of Japanese Quail (*Coturnix Coturnix Japonica*) At 3 To 6 Weeks of Age. Full length paper submitted in: *Sarhad J. Agric. Sci.*, ID # MH20171126171148. (HEC Recognized. W Category).
3. A. S. Jatoi, **E. Bughio**, A. W. Sahota, M. Akram, K. Javed, M. H Jaspal, H. M. Ishaq, J. Hussain and S. Mehmood (2016). Progeny growth performance as influenced by different parental body weights in four close-bred flocks of Japanese quails (*Coturnix coturnix japonica*). Submitted in: *The J. Anim. Plant Sci.*, ID: AS-16=0182 (JCR Impact Factor: 2016 = 0.383).

14. PAPERS/ABSTRACTS/POSTERS PRESENTED/PUBLISHED IN CONFERENCES/ PROCEEDINGS BOOKS

1. **Erum Bughio**, Ahmed Sultan Jatoi, Jibrán Hussain, Muhammad Hayat Jaspal, Shahid Mehmood, Abdul Waheed Sahota, Khalid Javed, Athar Mahmud, Reema Bughio and Hafiz Muhammad Ishaq (2018). Effect of Parental Body Weight on Somebody Measurements in Sexed Progeny of Japanese Quail (*Coturnix Coturnix Japonica*) Studied at Different Ages. International Poultry Science Congress of WPSA Turkish Branch'2018, Cappadocia/Nigde/Turkey. p. 129.
2. **Erum Bughio**, Ahmed Sultan Jatoi, Jibrán Hussain, Muhammad Hayat Jaspal, Shahid Mehmood, Abdul Waheed Sahota, Khalid Javed, Athar Mahmud, Reema Bughio and Hafiz Muhammad Ishaq (2018). Effect of Continuous and Intermittent Lighting Regimens During Growing Period on Some Egg Quality Traits in Local and Imported Strains of Japanese Quails (*Coturnix Coturnix Japonica*). International Poultry Science Congress of WPSA Turkish Branch'2018. 09-12 May, 2018. Cappadocia/Nigde/Turkey. p. 640.
3. Ahmed Sultan Jatoi, **Erum Bughio**, Jibrán Hussain, Muhammad Hayat Jaspal, Shahid Mehmood, Abdul Waheed Sahota, Khalid Javed, Athar Mahmud, Reema Bughio and Hafiz Muhammad Ishaq (2018). Carcass Traits As Influenced By Different Body Weight Categories In Four Close-Bred Flocks Of Japanese Quail (*Coturnix Coturnix Japonica*). International Poultry Science Congress of WPSA Turkish Branch'2018. p. 128, Cappadocia/Nigde/Turkey.
4. **Erum Bughio**, Reema Bughio, Atta Hussain Shah, Saima Inayat and Ahmed Sultan Jatoi (2017). Preparation and Quality Evaluation of Buttermilk (Lassi) . In Proceedings Book: "Conference on Recent Trends in Food Processing and Technology" held on November 15-16, 2017 at University of Veterinary and Animal Sciences, Lahore, Pakistan. RTFT-2017-68. p. 74.
5. **Erum Bughio**, Ahmed Sultan Jatoi, Abdul Waheed Sahota, Muhammad Akram, Khalid Javed, Jibrán Hussain, Shahid Mehmood and Muhammad Hayat Jaspal (2017). Proximate Analysis of Thigh Meat as Influenced by Different Body Weight Categories in Adult Japanese Quails (*Coturnix cotrunix Japonica*). Poster Presentation: "1st International Conference on Poultry Processing: Farm to fork Management" held on November 01-20, 2017 at University of Veterinary and Animal Sciences, Lahore, Pakistan.

6. Ahmed Sultan Jatoi, **Erum Bughio**, Abdul Waheed Sahota, Muhammad Akram, Khalid Javed, Jibrán Hussain, Shahid Mehmood and Muhammad Hayat Jaspal (2017). Proximate Analysis of Thigh Meat as Influenced by Different Body Weight Categories in Adult Japanese Quails (*Coturnix coturnix Japonica*). In Proceedings Book: "1st International Conference on Poultry Processing: Farm to fork Management" held on November 01-20, 2017 at University of Veterinary and Animal Sciences, Lahore, Pakistan. p. 08.
7. Ahmed Sultan Jatoi, **Erum Bughio**, Abdul Waheed Sahota, Muhammad Akram, Khalid Javed, Jibrán Hussain, Shahid Mehmood and Muhammad Hayat Jaspal (2017). Proximate Analysis of Breast Meat as Influenced by Different Body Weight Categories in Adult Japanese Quails (*Coturnix coturnix Japonica*). In Proceedings Book: "1st International Conference on Poultry Processing: Farm to fork Management" held on November 01-20, 2017 at University of Veterinary and Animal Sciences, Lahore, Pakistan. p. 12.
8. Hamad Bughio, **Erum Bughio**, Reema Bughio, Muzammil Memon, Jibrán Hussain, Shahid Mehmood and Ahmed Sultan Jatoi (2017). Effect of Feeding Different Levels of Threonine Supplemented With Ration on Growth Performance of Broiler. In Proceedings Book: "1st International Conference on Poultry Processing: Farm to fork Management" held on November 01-20, 2017 at University of Veterinary and Animal Sciences, Lahore, Pakistan. p. 15.
9. Muhammad Waqas, Athar Mahmud, Shahid Mehmood, Saima Naveed, Jibrán Hussain, Sohail Ahmed, Faisal Hussain, Muhammad Usman, Muhammad Shabir Shaheen and **Erum Bughio** (2017). Effect of Probiotic, Mannan Oligosaccharide (Actigen™) on Production Performance and carcass Cut-Up Yield of Broilers. In Proceedings Book: "1st International Conference on Poultry Processing: Farm to fork Management" held on November 01-20, 2017 at University of Veterinary and Animal Sciences, Lahore, Pakistan. p. 32.
10. **E. Bughio**, M. Memon, R. Bughio, A. S. Jatoi, Z. A. Khoso, A. A. Baloch (2017). Effect of age and route of administration on the efficacy of live infectious bursal disease vaccines in broiler. "3rd International Conference on Agriculture Food and Animal Sciences" held on 10-11 January, 2017 at Sindh Agriculture University Tandojam, Pakistan. p. 224.
11. A. S. Jatoi, **E. Bughio**, A. W. Sahota, N. Akhter, B. Bhutto, A. H. Mirani, M. H. Jaspal (2017). Proximate analysis of thigh meat as influenced by different body weight categories in adult Japanese quails (*Coturnix coturnix japonica*). In Book of Abstracts: "3rd International Conference on Agriculture Food and Animal Sciences" held on 10-11 January, 2017 at Sindh Agriculture University Tandojam, Pakistan. p. 223.
12. A. S. Jatoi, **E. Bughio**, A. W. Sahota, N. Akhter, B. Bhutto, A. H. Mirani, M. H. Jaspal (2017). Carcass traits as influenced by different body weight categories in four close-bred flocks of Japanese quails (*Coturnix coturnix japonica*). "3rd International Conference on Agriculture Food and Animal Sciences" held on 10-11 January, 2017 at Sindh Agriculture University Tandojam, Pakistan. p. 188.
13. Ahmed Sultan Jatoi, Abdul Waheed Sahota, Muhammad Akram, Khalid Javed, **Erum Bughio**, Shahid Mehmood, Jibrán Hussain and Hafiz Muhammad Ishaq (2016). Progeny growth performance as influenced by different parental body weight categories in four close-bred flocks of Japanese quails (*Coturnix coturnix japonica*). XXV World's Poultry Congress-2016.
14. Ahmed Sultan Jatoi, Abdul Waheed Sahota, Muhammad Akram, Khalid Javed, **Erum Bughio**, Shahid Mehmood, Jibrán Hussain and Hafiz Muhammad Ishaq (2016). Proximate analysis of meat as influenced by different body weight categories in adult Japanese quails (*Coturnix coturnix japonica*). XXV World's Poultry Congress-2016.

15. Jatoi, A. S., A. H. Mirani, G. M. Mari, I. H. Qazi, P. Dewani, E. **Bughio**, S. Pirzado, R. Laghari, A. Talpur & F. M. Soomro (2015). Prevalence of cestodes in selected small scale commercial poultry farms in and around Hyderabad region of sindh. In Book of Abstracts: "2nd International Conference on Agriculture Food and Animal Sciences" held on 25-26 February 2015 at Sindh Agriculture University Tandojam, Pakistan. p. 80.

15. EXTENSION CIRCULAR AND POPULAR PRESS

1. **Erum Bughio** (2018). Raise Rural (DESI) Poultry fro Food Security and Poverty Alleviation. Submitted In: *Agro Veterinary News (AVN)*. Vol. 25, No. 02/July 2018. p. 08. (Reg. No. SS-1210. ISSN: 17228-1512).
2. **Erum Bughio** (2016). Need to highlight nutritional values of eggs stressed. In: *Agro Veterinary News (AVN)*. Vol. 23 No. 05/ October, 2016. p. 04. (Reg. No. SS-1210. ISSN: 17228-1512).
3. **Erum Bughio** (2016). Feeding strategies in Poultry in Hot Climate. In: *Agro Veterinary News (AVN)*. *Special issue on International Poultry Expo-2016-IPEX*. Vol. 23 No. 04/ October, 2016. p. 22. (Reg. No. SS-1210. ISSN: 17228-1512).
4. **Erum Bughio** (2016). Heat stress strategies for Layers in Hot Climates. In: *Agro Veterinary News (AVN)*. Vol. 23 No. 05/ October, 2016. p. 04. (Reg. No. SS-1210. ISSN: 17228-1512).
5. **Erum Bughio** (2016). Feeding strategies in Poultry in Hot Climate. In: *Agro Veterinary News (AVN)*. Vol. 22 No. 01/ March, 2016. p. 04. (Reg. No. SS-1210. ISSN: 17228-1512).
6. **Erum Bughio** (2016). Bio-Security in Poultry Production-An Overview (2016). In: *Agro Veterinary News (AVN)*. Vol. 22 No. 12/ May, 2016. p. 12. (Reg. No. SS-1210. ISSN: 17228-1512).

16. REFERENCES

1. **Prof. Dr. Ahmed Sultan B. Jatoi**
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2. **Prof. Dr. Athar Mahmud**
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3. Dr. Saima Inayat

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Associate Professor & Chairman
Department of Dairy Technology,
Faculty of Animal Production and Technology,
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Website: www.uvas.edu.pk
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17. DECLARATION

I do hereby declare that the above information is true and correct to the best of my knowledge.

Place: Sakrand

ERUM BUGHIO

Date:

Signature