



Dr. Nehafta Bibi

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Government Girls Degree College (Hazara University Mansera Khyber Pakhtunkhwa Pakistan)

EDUCATION

Doctor in Zoology

Bird's behavior and Ecology

2018

Northeast Normal University, Changchun, China

Dissertation: "Effects of individual personality on behavioral performance under social context in the Japanese tit and Eurasian siskin"

Advisor: Professor Haitao Wang

Master of Philosophy in Zoology

Molecular Biology

2014

Hazara University Graden Campus Dhodhial Mansehra Khyber Pakhtunkhawa Pakistan

Dissertation: "Gene to transcript ratio of DNA-R of banana bunchy top virus using real time PCR."

Advisor: Professor Munawar Saleem Ahmad

TECHNIQUES KNOWN

Well versed with various areas of behavior ecology. Apart from that basic biotechnological techniques, have been learned in immunology, genetic engeneering, molecular biology, biochemistry, microbiology and structural biology.

TEACHING EXPERIENCE AND INTEREST

**Government Girls Degree College Department of Zoology (Hazara University
Manshera Khyber Pakhutunkhwa Pakistan) 1/08/2018-continued**

1. Animal Behavior and Evolution
2. Research Methodology
3. Molecular Biology
4. Animal Morphology and Physiology
5. Human Histology
6. Parasitology
7. Fisheries

EXPERTIES

1. PCR optimization
2. Primer designing
3. NCBI BLAST and clastal W homology tree analysis
4. PCR troubleshooting
5. DNA isolation and quantification by different methods
6. Agarose gel running and interpretation

RESEARCH INTERES

Statement:

I am interested in behavioral ecology, especially, in birds and fishes, wild life biodiversity, conservation and management. My specific research interest is

studying bird's personality as personality study provides understanding about selective pressures that influence social behaviors and the evolution of sociability. I would like to integrate both ultimate and proximate questions to gain insights into selective forces leading to sociability.

I have experience in data collection/analysis in both laboratory (genetic analysis) and field settings (bird trapping and handling, radio telemetry, acoustic analysis). A stronger lab skill set would complement my own skill set.

RESEARCH EXPERIENCE

Doctoral Thesis Supervised

1. Burhan udin (University of Swabi, Khyber Pakhtunkhwa Pakistan)
Correlation between fish personality and anti-predator behavior.
2. Attaullah (Abdul Wali Khan University Mardan, Khyber Pakhtunkhwa Pakistan) Species composition, habitat characterization and genetic diversity of Chukar partridge *Alectoris chukar* in district Swat Khyber Pakhtunkhwa, Pakistan

Undergraduate Thesis Supervised

3. Aqsa Saleem “impacts of human settlements on declining number of water fowls at River Siren, in Khyber Pakhtunkhwa, Pakistan
4. Anum Rafique “Diversity and Composition of Water Birds at River Kunhar, in Khyber Pakhtunkhwa, Pakistan”
5. Rida Adam Khan ‘Specie composition, relative abundance, diversity and distribution of Pheasants fauna in Khyber Pakhtunkhwa Pakistan”.

PUBLICATIONS

1. Nehafta Bibi, Yusheng wei, Hongwei xu, Jingnan Liang, Ijaz Hussain, Munawar Saleem ahmad, Haitao Wang, Personality is associated

- with dominance in a social feeding context in the the great tit.
DOI:<https://doi.org/10.1163/1568539X-00003572>. Behavior
2. Ye Gong, **Nehafta Bibi** and Haitao Wang. Nest Usurpation between Mandarin Duck *Aix galericulata* and Coexisting Bird Species in Nest Boxes in a Secondary Forest, Zuoja Nature Reserve, China. Pakistan J. Zool., 2018. DOI:<http://dx.doi.org/10.17582/journal.pjz/2018.50.4.sc2>
 3. **Nehafta Bibi**, Muhammad Shafiq, Munawar Saleem Ahmad and Haitao Wang. Dominance and Influence of Social Context on Foraging by Eurasian Siskin (*Carduelis spinus*). Pakistan J. Zool., vol. 49(6), pp 2201-2208, 2017. DOI: <http://dx.doi.org/10.17582/journal.pjz/2017.49.6.2201.2208>
 4. Jiangping Yu, Weiwei Lv, Hongwei Xu, **Nehafta Bibi**, Yangyang Yu, Yunlei Jiang, Wei Liang and Haitao Wang. Function of note strings in Japanese Tit alarm calls to the Common Cuckoo: a playback experiment. DOI 10.1186/s40657-017-0080-7
 5. **Nehafta Bibi**, Munawar Saleem Ahmad and Muhammad Zeeshan Hyder Analysis of Banana Bunchy Top Virus Gene Expression Ratio in Banana Crop Grown in Sindh Province of Pakistan
 6. **Nehafta Bibi**, Jiangping Yu, Ye Gong, Thae Su Mo, Muhammad Zubair, Haitao Wang, Influence of social context on neophobic behavior in the great tit (*Parus major*). **Submitted, Wilson Journal of Ornithology**

DISTINCTIONS, PRESENTATIONS, AND AWARDS

1. Silver young ornithologists award In China ornithological conference China (2017)
2. Academic achievement award Northeast Normal University China (2017)
3. Second position in poster presentation, 39th Zoological Congress (International) Pakistan 2018,

RESEARCH GRANTS

Directorate of Science and Technology (**DoST**) Government of Khyber Pakhtunkhwa Pakistan (2018-2019) project on “Impacts of human settlement on the declining number of water fowls in Khyber Pakhtunkhaw Pakistan” 0.5million PKR

MEMBER OF GRADUATE STUDENTS COMMITTEES

Approved external examiner at Abdul Wali khan University Mardan, Khyber Pakhtunkhwa Pakistan

REFERENCES

1. Professor Dr. Haitao Wang

Jilin Key Laboratory of Animal Resource Conservation and Utilization, Northeast Normal University, 5268 Renmin Street, Changchun, China

E-mail: wanght402@nenu.edu.cn

Tel: +8613504462051.

2. Professor Dr. Ren Ben Zhong

Key Laboratory of entomology Northeast Normal University Changchun China

E-mail renbz279@nenu.edu.cn

3. Professor Yonghua Wu

School of Life Sciences, Northeast Normal University Chagchun Jilin 130024

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4. Dr. Zaigham Hassan

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