

CURRICULUM VITAE

PERSONAL

NAME: DR. ABDUL HALEEM SHAH

FATHER'S NAME Umer Shah

DATE OF BIRTH 09-02-1965

DOMICILE Bannu (KP)

NATIONALITY Pakistani

PRESENT POSITION Professor and Chairman

MAILING ADDRESS Department of Biological Sciences
Gomal University, Dera Ismail Khan,
KPK Pakistan.

Ph No (office): 0966-750273, Res:0966- 750321

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ACADEMIC QUALIFICATION

Degree	Year	Institution	Division/Grade	Specialization
Ph.D.	1999	Quaid –i- Azam University Islamabad		Biology(Zoology/ (Microbiology/Biochemistry)
M.Sc	1989	Gomal University Dera Ismail Khan.	First Division	Chemistry (Biochemistry)
B.Sc	1986	Gomal University Dera Ismail Khan.	First Division	Chemistry, Zoology, Botany
F.Sc	1984	B.I.S.E Peshawar	2 nd Division	Pre-Medical Group
S.S.C	1981	B.I.S.E Peshawar	First Division	Science Group

AWARDS

1 Higher Education commission (HEC) Best University teacher Award(Certificate and one lac cash prize) for the year 2014 awarded in ceremony on 28-1-16 at HEC Islamabad

2 First Class First (Gold Medal) In M.Sc

3 Merit Scholarship in M.Sc.

Ph.D. (i). Research work: Studies on the Microbial Production of Lysine

(ii). Course Work: Microbiology, Molecular Endocrinology, Nucleic Acid, Vitamin & Hormone, Biochemistry and Cytogenetics.

Discipline :Biological Sciences specialization Biology(Zoology ,Microbiology ,Biochemistry)

PRESENT POSITION Professor BPS 21& Chairman.

PUBLICATION 46 (List Attached)

FIELD OF STUDY Biology(Zoology /Biochemistry/Microbiology).

TEACHING/RESEARCH/EXPERIENCE Since 06-02-1990

Teaching Microbiology, Immunology, Nutrition, Physiology, Cell Biology, Endocrinology, Molecular Biology & Biotechnology and Supervising Research and Practical leading to M.Sc, M. Phil & PhD Degree.

1.Professor BPS-21

Teaching and Research in the Department of Biological Sciences Gomal University D.I.Khan, Pakistan from 4-12-2008 till to date.

2. Assistant Professor BPS-19

Teaching and Research in the Department of Biological Sciences Gomal University D.I.Khan, Pakistan from 1-1-2007 to 3-12-2008.

3. Assistant Professor BPS-18

Teaching and Research in the Department of Biological Science Gomal University D.I.Khan Pakistan from 17-01-2004 to 31-12-2006

4. Lecturer BPS-18

Teaching and Research in the Department of Chemistry Gomal University D.I.Khan, Pakistan from 19-01-2002 to 16-01-2004.

5. Lecturer BPS-17

Teaching and Research in the Department of Chemistry Gomal University D.I.Khan, Pakistan from 06-02-1990 to 18-01-2002.

Established New MSc Zoology program in year at Gomal University 2013

6. Administrative Experience

(i) **Chairman** Department of Biological Sciences Gomal University D.I.khan. w.e.f 4-2-2009 till to date.

(ii) **Assistant to Dean of Sciences** w.e.f 03-6-2008 to 3-2-2009.

(iii) As a **warden** of Gomal University Hostels for five year from 22-02-2000 to 17 -05-2005.

7. HEC approved PhD supervisor Since September 13, 2007

TRAINING:

Qualified Postgraduate Training Course held in November 10-21, 1997 at Nuclear Institute for Agriculture and Biology (NIAB) Faisalabad, Pakistan.

PH.D THESIS SUPERVISED: **04** (List Attached)

MPHIL THESES SUPERVISED: **24** (list attached)

M.Sc THESES SUPERVISED: **06** (List Attached)

Supervising on Going Research Leading to Ph.D Degree . **04** (List Attached)

Supervising on Going Research Leading to MPhil Degree . **9** (List Attached)

EXAMINER/REFEREE

1.Examiner for evaluating of M.Phil/Ph.D thesis

Research Collaboration

1.Quaid-e-Azam .University Islamabad.

2.Kohat University of science and technology Kohat

3.UST BANNU.

4 Hazara University.

5 University of Peshawar

6 Abdul Wali Khan University Mardan

6 Annamalai University Tamil Nadu India

Member HEC Curricula

Microbiology for Bs Ms and MPhil/PhD

University selection Board

1 subject expert Kohat University of science and technology

2 subject expert Peshawar University

REFEREE FOR THE EVALUATION OF PUBLICATIONS

The Journal of the Chemical Society of Pakistan

The Journal of Science Technology Development

International journals

REFEREE FOR EVALUATION OF FOREIGN PHD THESES

Annamalai University Tamil Nadu India

LANGUAGES: Writing, Speaking, Reading In English, Urdu and Pashto

MEMBERS:

1 Board of advance study and research Gomal University for three year

2 Board of faculty of sciences Gomal University

3 Academic Council Gomal University

4 HEC curriculum committee

REASERCH PROJECT COMPLITED

RS:1130919 by HEC 2013

PRESENTATION IN CONFERNCE / SYMPOSIA/ WORKSHOP

1. **A. Haleem Shah** and A. Hameed, 1997.

Lysine production by triple auxotrophic mutant of *Corynebacterium glutamicum*, Second International Biennial Conference of Pakistan Society for Microbiology them, Microbe, Health and Environment held in Bhurban Pakistan September 24-26, p.78.

2 **A. Haleem Shah** and A. Hameed 1997.

Development of Lysine Producing mutant of *Corynebacterium glutamicum*, First national Symposium on Biotechnology for sustainable Development, held in Govt. College Lahore, Nov, 24-25, p.51.

3 **A. Haleem Shah** and A. Hameed 1998.

Development of Threonine Auxotrophic Mutant From Thialysine resistant Mutant for Lysine Production, Industrial and Environmental Biotechnology , Third International Symposium On Genetic Engineering and Biotechnology, held at University of Karachi, Feb, 24-28, ,p.100.

4**A. Haleem Shah**, and A. Hameed 2002.

L.Lysine Production by multiple auxotorphic mutant of *corynebacterium glutamicum*.4th International Biennial Conference of Pakistan Society of microbiology held in Peshawar / Mulam-Jabba. June 24-28, P 22.

5 A.Saeed, **A. Haleem Shah**, A.R.Khan and A.Saeed 2007.

Highly Molecular weight Acid Phosphates of Chicken liver: Separation and Characterization, 9th International Symposium on Protien Structure Function Relationship, 11-01-2007 to 11-14-2007 Karachi by HEJ Research Institute of Chemistry University of Karachi Page, 54.

6 **A.Haleem Shah**. A.Hameed and A.Jabar Khan 2007

Lysine production by fermentation.7th international and 17th national chemistry conference February 26-28, page 68.

7 A.Saeed,**A.Haleem Shah** and A.Rahim Khan 2007

Acid phosphatase and zinc dependent acid phosphatase from chicken liver7th international and 17th national chemistry conference February 26-28, page 71.

8 2nd one day national workshop on “Biotechnological Techniques for Walfare of Human Beings” November 12.2007

9 **workshop** Problem related to sugar industry under the auspices of national core group in chemistry at the department of chemistry Gomal university held on 8-3-2011

10 one day seminars/conference “ Water for cities: Responding to the urban Challenge”on world water day by the faculty of Agriculture Gomal University on 22march 2011

11 one day seminars “Conservation and Management of fishery resources” held at Chashma Lake,District Mianwali by the department of Fisheries Punjab, June 14,2011

12. National Saminers” on “Management of open water fisheries in Pakistan ,Issues and options” Department of Fisheries Punjab on April 28,2012

13 National academy of sciences of young scientists Pakistan in collaboration with faculty of pharmacy Gomal university and the emerging nation science foundation ,Italy Health awareness seminar on Fight against cancer 27 February 2013

14Molecular Charaterization of Honey bee (*Apis mellifera*) gut bacterial flora 3rd biotechnology world congress 10-12-14 at Dubai UAE (by under supervising PhD scholar)

15 Biorisk Management training at department of Biological Sciences Gomal University Dera Ismail Khan by Relief International February 29,2016 to March 4-2016

LIST OF PUBLICATIONS

1 A Haleem Shah and A.Hameed (1998).

Development of Lysine Producing mutant of *Corynebacterium glutamicum*,**J.Biologia, 44 (1&2)-236-241. 1998**

2 A. Haleem Shah, A.Hameed and G.M. khan (2002).

Improved Microbial Production of Lysine by Developing a New Auxotrophic Mutant of *Corynebacterium glutamicum* **Pakistan Journal of Biological Sciences 5(1), 80-83. 2002**

3 A. Haleem Shah, A.Hameed, G.M. Khan and S.Ahmad (2002).

Optimization of Culture Condition for L-Lysine Production by *Corynebacterium glutamicum* **Journal of Biological Sciences 2 (3), 151-156.2002**

4 A. Haleem Shah and A.Hameed (2002)

Lysine Participation in life, Production and Biosynthesis. **International Journal of Science Technology, Development 21(1)20-24, 2002**

5 A. Haleem Shah and A.Hameed(2002).

Development of Thiosine Resistant Mutant of *Corynebacterium glutamicum* and its potency for lysine Production, **International Journal of Science Technology, Development 21 (2) 45-48.2002**

6A. Haleem Shah, A.Hameed and G.M. khan (2002).

Development of Threonine Auxotrophic Mutant from Thialysine resistant Mutant for Improved Lysine Production. **Journal of the Chemical Society. of Pakistan.24(3): 204-208,2002**

7A. Haleem Shah, A.Hameed and G.M Khan (2002)

Fermentative Production of Lysine: Bacterial Fermentation-1. **Journal of Medical Sciences 2(3); 152-157.2002**

8A.Haleem Shah and A.Hameed and G.M Khan (2002)

Fermentative Production of Lysine: Fungal Fermentation and mutagenesis II A review, **Pakistan Journal of Pharmaceutical Sciences 15 (2) 29-35.2002**

9 A. Haleem Shah and A. Hameed (2004)

Nutritional And Mutational Aspects of Indigenous Lysine Production By *Corynebacterium glutamicum*: Comprehensive Studies in Shake Flask Fermentation –1, **Journal of the Chemical Society of Pakistan. 26 (4) 416-428.2004**

10 A.J.Khan A. Haleem Shah and S.N.Khan (2005)

Molecular Characterization of thalassemia intermedia in Pakistan, **Journal of The Chemical Society of Pakistan 27 (5), 548-554. 2005**

11S.AShahid, A.Nawazkhan andA.HaleemShah(2005)

A simplified apparatus for the maintenance of Constant water heads for hydrophilic conductivity measurements. **Gomal University Journal of Research 21; 34-35.2005**

12 A.Saeed, A. Haleem Shah, Z. A Khan, A.R. Khan and A Saeed (2005)

Partial Purification and characterization of 57 KDa Zinc Dependent acid Phosphates form chicken heart. Proceeding of 8th International symposium on protein structure function relationship, held in Karachi, Pakistan, 7-10 Jan; 2005 ISBAN 969- 8113-09-6. Editor, Atiya Abbasi and Syed Abid Ali. Page: 47-56.2005

13 A. J. Khan A. Haleem Shah, S. N. Khan and Salahudin (2006)

Identification of the genetic factors responsible for variable phenotypes of thalassemia patient in Pakistan, **Journal of the Chemical Society of Pakistan. 28 (05) Page: 465-471.2006**

14 A. Saeed, A. Haleem Shah, A. Rahim and A. Saeed (2007)

Low Molecular weight Zinc-dependent acid Phosphates from Chicken heart, **Journal of the Chemical Society of Pakistan.29 (1).page; 50-60.2007**

15 A. Saeed, A. Haleem Shah, A. Rahim and A. Saeed (2007)

High molecular weight acid phosphates from chicken liver, separation and characterization. **Journal of the Chemical Society of Pakistan.29 (4) PP 364-372.2007**

16 A. Haleem Shah and A.J. Khan (2008)

Direct fermentative production of lysine (Review).
Journal of the Chemical Society of Pakistan. 30(1) pp 158-164 ,2008

17 M.Hasan ,A .J. Khan ,A .Haleem Shah and A.R Khan (2008)

Transformation of tomato (*Lycopersicon esculantum* mill) with Arabidopsis early flowering gen Apetalai(API) through *Agrobacterium* infiltration of ripend fruit. **Pakistan journal of Botany 40(1) 161-173.2008**

18 A .J. Khan , A.R. Khan, A .Haleem Shah and S. Khan (2008)

Prevalence of hypertention in diabetic patients in Lady Reading Hospital Peshawar N.W.F.P Pakistan. **Gomal University Journal of Research 24(1) 43-49,2008**

- 19** A .J. Khan A.R. Khan **A .Haleem Shah** and S. Khan (2008)
Current Antibiotic Susceptibility Patteren in Khyber Teaching Hospital Peshawar N.W.F.P Pakistan. **Gomal University Journal of Research 24(1) 50-62.2008**
- 20** Asma Saeed ,**A. Haleem Shah** ,A .R Khan and A .Saeed (2009)
Comparative study and biochemical properties of 57kDa and 100 kDa Zn-dependent acid phosphatases in chicken heart and liver. **Journal of the Chemical Society of Pakistan. 31(1) 80-88,2009**
- 21**Aisha Sadique ,Mehrin Sherazi. R.Naz ,I Ali, Asma Saeed ,**A.Haleem Shah**, A.Rahim,M.Ahmad (2009) 130kDa Acid Phosphatase from the Liver of Labeo Rohita. **Journal of the Chemical Society of Pakistan. 31(5) 801-808 ,2009**
- 22** Arshad Farid **Abdul Haleem Shah** and Muhammad Mukhtiar 2011
Protective role of glutathione in Tungsten induced toxicity in blood components. A pharmacological and toxicological perspective. **International journal of research in ayurveda and pharmacy 2(3) 943-947, 2011**
- 23** Murad Ali **Abdul Haleem Shah** Azhar Maqbool, Shakoor Ahmad, Zia ur Rahman and Abdul Wahab .2011
Epidemiological survey of Scabies skin disease among different migrants in Khyber Pukhthoonkhwa (Pakistan). **Interdisciplinary journal of contemporary research in business vol 3, no 2 pp1378 -1390, 2011**
- 24** Adnan Amin ,Muhammad Ayaz Khan, Ali Zaman,**Abdul Haleem Shah** Uzma Haroon, S.M Farook Aza and Muhammad Yasin 2011
Physical adsorption immobilization of anti microbial peptide (bacitracin) producing *Bacillus* strainGU215 in polystyrene film. **African journal of microbiology research vol 5(27) pp 4845-4849 .2011**
- 25** **Abdul Haleem shah** ,Abdul Hameed, Saeed ur Rehman and Abdul Hamid Jan 2012
Nutritional and Mutational Aspects of Lysine Production by *Corynebacterium glutamicum*:Auxotrophs. **Pakistan journal of zoology, vol.44 (1) pp.141-149, 2012**
- 26** Zia Ur Rahman Awan ,Abdul Karim Khan,**Abdul Haleem Shah** Muhammad Suleman and Murad Ali Khan 2012.
Assessment of Malaria Prevalence among School Children In Rural Areas of Bannu District Khyber pakhtunKhwa, **Pakistan journal of zoology 44(2) pp321-326, 2012**
- 27** Ali Zaman, Adnan Amin, **Abdul Haleem Shah** , Dildar Hussain Kalhoro ,Khalid Muhammad, Shakeebullah M. H. and Hafizullah Wazir. 2012.
Prevalence and vulnerability characterization of poultry pathogens isolated from water tanks and drinkers in commercial broiler farms. **African Journal of Microbiology Research Vol. 6(3) pp. 691-695, 23 ,2012**
- 28** Murad Ali Khan, **Abdul Haleem Shah**, Azhar Maqbol, Naeem Khan and Zia ur Rahman 2012

Miticidal Activity Of Methanolic Extract Of *Vitex Negundo-Lam* Against *Sarcoptes Scabiei* In Animals and Man. **Journal of Animal and plant Sciences** 22(2)(Supl) pp102-107 2012

29 Zia ur Rehman , **Abdul Haleem Shah** 2012

Molecular Prevalence of hepatitis B virus infection in Khyber Pakhtunkhwa, Pakistan **International Journal of Medicine and Medical Sciences Vol. 4(5), pp. 123-127, 2012**

30 Zia ur rehman ,**Abdul Haleem Shah** and Sana ullah Khan 2012

Molecular Characterization of HBV genotype in HBsAg positive individuals of Khyber Pakhtunkhwa Pakistan .**African journal of Microbiology research, 6(24) 5237-5242,2012**

31Arshad Farid,**Abdul Haleem Shah**, Muhammad Ayaz, Adnan amin Muhammd Yaseen,Hafeez ullah and Fazal Haq.2012

Comparative study of biological activity of glutathione, sodium tungstate and glutathione-tungstate mixture. **African journal of biotechnology Vol11 (45) pp 10431-10437 2012**

32 Saeed-ur-Rahman, Zia-ur-Rahman Awan,, Arif-ullah Khan, **Abdul Haleem Shah** Abdur Rahman and Inayat Gul 2012

Antibacterial potential of *Skemmia laureola* methanolic extract.**Global Advanced Research Journal of Microbiology Vol. 1(6) pp. 090-093,2 012**

33 Ziaur Rehman, Hafiz Tayyab Ali Shah **Abdul Haleem Shah** Murad Ali Khan Muhammad Suleman 2012

Malaria among the students of religious Schools of Bannu of bannu district Khyber Paktunkhea Pakistan . **Pakistan Journal of Zoology vol 44 (4) ,pp 959-962 ,2012**

34 Zia Ur Rahman Awan, **Abdul Haleem Shah**, Hafiz Munib Ur Rahman, and Sanaullah Khan 2012

Hepatitis C Virus infection in IDPs of war againstterrorism in South Waziristan Agency, Pakistan .**Global Advanced Research Journal of Biotechnology (GARJB) Vol.1(2) pp. 017-022, 2012**

35 Zia Ur Rahman Awan and **Abdul Haleem Shah** 2012

Distribution of Indus River Dolphin (*Platanista gangeticaminor*) in Dera Ismail Khan range Khyber Pakhtunkhwa, Pakistan. **Global Advanced Research Journal of Agricultural Science (ISSN: 2315-5094) Vol. 1(8) pp. 216-222 , 2012**

36 Hadia Gul, **Abdul Haleem Shah** and Nabila Younis 2012

Fermentative Production of Glutamate by Newly Isolated Soil Bacteria. **International Journal of Pharmaceutical & Biological Archives 2012; 3(6):1269-1277 ,2012**

37 Khan, M. A. **Abdul Haleem Shah**, A. Maqbol . S. B. Khan, U. Sadique and M. Idress 2013 study of *tecomella undulata* g. don. methanolic extract against *sarcoptes scabiei*, in vivo and in vitro.**The Journal of Animal and Plant Sciences, 23(1 Suppl.), Page: 47-53,2013**

- 38** Saeed Ur Rahman, **Abdul Haleem Shah**, Zia Ur Rahman Awan, Inayat Gul and Abd Ur Rahman 2013
Antibacterial Potentials of Bark and Leaves Extracts of Juglans Regia against Antibiotic Resistant Bacteria. **International Journal of Advanced Research Volume 1, Issue 1, 3-8,2013.**
- 39** Zia Ur Rahman Awan, **Abdul Haleem Shah** and Mohammad Amjad 2013
Microbial Degradation of Phenol by Locally Isolated Soil Bacteria. **International Journal of Modern Cellular and Molecular Biology (USA), 2(1): 1-13, 2013**
- 40** Inam Ullah Khan , **Abdul Haleem Shah** , Zia Ur Rahman Awan 2013
Epidemiology of Malaria in Urban and Rural Areas of Bannu District Khyber Pakhtunkhwa, Pakistan. **International Journal of Modern Biology and Medicine (USA), 4(1): 30-39,2013**
- 41** Muhammad Shoaib Alam, Zia Ur Rahman Awan, Muhammad Asim Khan **Abdul Haleem Shah** Hira Bangash and Abid Ur Rehman **2013.**
Detection And Isolation Of Zoonotic Parasites From American Cockroaches In House Hold Of Kohat Division, Khyber Pakhtunkhwa Pakistan, **International journal of advanced research volume 1, issue 5 ,113-118**
42. Shahid Niaz Khan, Asif Khan, Sanaullah Khan, Sultan Ayaz, Sobia Attaullah, Jabbar Khan, Muhammad Asim Khan, Ijaz Ali and **Abdul Haleem Shah**
PCR/RFLP-Based Analysis of Genetically Distinct Plasmodium vivax Population of Pvmsp-3 α and Pvmsp-3 β genes in Pakistan, **Malaria Journal 2014, 13:355**
- 43** Syed Ishtiaq Anjuma, **Abdul Haleem Shah**, M. Kamran Azim, Masarrat Jahan Yousuf, Sanaullah Khan & Shahid Niaz Khan
Prevalence of American foul brood disease of honeybee in north-west Pakistan
Biotechnology & Biotechnological Equipment <http://dx.doi.org/10.1080/13102818.2015.1040454>
- 44 Syed Ishtiaq Anjuma, Sultan Ayaz, **Abdul Haleem Shah**, Sanaullah Khan and Shahid Niaz Khan
Controlling honeybee pathogen by using neem and Barbaka plant extracts
Biotechnology & Biotechnological Equipment, <http://dx.doi.org/10.1080/13102818.2015.1051493>
- 45 Hayat Khan, **Abdul Haleem Shah**, Zia Ur Rahman Awan, Sanaullah Khan
Prevalence of active hepatitis C virus infection in general population of Khyber Pakhtunkhwa, Pakistan, **Transylvanian Review** Transylvanian Review: Vol XXIV, No. 4, Special Issue, 2015
- 46 Hayat Khan, **Abdul Haleem Shah**, Zia Ur Rahman Awan, Sultan Ayaz Khan
Frequency of Hepatitis C Virus Infection in Diabetic Patients of Khyber Pakhtunkhwa, Pakistan, **Transylvanian Review** ,: Vol XXIV, No. 4, Special Issue, 2015

MSc THESES SUPERVISED

- 1** Incidence of Anemia in N.W.F.P Peshawar Zone; Asif Mahmood ,Session 1999-2001
- 2** Comparative study of different constituent of Milk in Mammals, Mustak Ahmad ,Session 1999-2001
- 3** Comparative Study Ascorbic acid in fruits & Vegetable, Ikhtashamul Haq, Session 1999-2001
- 4** The antibacterial potency of honey (Produced by *Apis florae*) Shaheeda Saleem ,Session 2000-2002
- 5** The antibacterial potency of honey (by *Apis dorsata*), Sata A Zaidib ,Session 2000-2002
- 6** Evaluation survey of underweight and overweight school children in D.I.Khan Zone ,Session 2002-2003

PHD THESIS SUPERVISED

- (1) Thesis Title:** Isolation, purification and characterization of Acid Phosphates from heart and liver of chicken, **Scholar:** Asma Saeed, **Date of defense :** 12-10-2009
- (2) Thesis Title:** Characterization of hepatitis B virus genotype in chronic HBV patient in Khyber Pakhtunkhwa, Pakistan, **Scholar:** Zia ur Rehman, **Date of defense:** 24-4-2013
- (3) Thesis Title :** Epidemiology, zoonotic *potential*, haematological effect, *in vivo* and *in vitro* control of *sarcoptes scabiei* (lam) in animals and humans in khyber pakhtunkhwa (Pakistan): Scholar, Murad Ali Khan, **Date of defense 12-11-13**
- (4)** Identification and characterization of Honey Bee (*Apis Mellifera*) Gut Bacterial flora in khyber pakhtunkhwa ,Pakistan. Scholar ,Syed Ishtiaq Anjum defense awaited

M.PHIL THESES SUPEVISED

1 Research title: Antibacterial Activities of Medicinal Plants , **Student:** Saeed Ur Rehman , **date of viva voce examination** 18-6-2010

2 Research title: Fermentative Production of Glutamic Acid by newly isolated soil bacteria, **Student:**Hadia Gul , **date of viva voce examination** 11-6-2011

3 Research title: The protective role of glutathione in Tungsten induced toxicity in blood component, **Student:** Arshad Farid, **date of viva voce examination** 18-8-2011

4 Research title Seroprevalence ,active infection by PSR ,and risk factor of hepatitis C in D.I.Khan District, **Student:** Muneeb Ur Rahman, **date of viva voce examination** 21-1-2012

5 Research title Microbial degradation of phenol by locally isolated soil bacteria. **Student:** MuhammadAmjad, **date of viva voce examination** 21-4-2012

6 Research title Microbial production of antibiotic by newly isolated soil bacteria, **Student:**Aamer Abas , **date of viva voce examination** 21-4-2012

7 Research title Molecular detection of cryptosporidium Parvum and Giardia Lambila in drinking water sources of district Dera Ismail Khan **student** Mr Inayat Rehman department of zoology KUST.as Supervisor 2 2013

8 Research title Epidemiological,Biochemical and hematological studies of malarial parasites in Bannu district **Student** Inam ullah Khan **date of viva voce examination** 17-4-2014

9 Research title Isolation and Screening of amino Acids producing bacteria from soil, **student** Arman Ali Shah **date of viva voce examination** 19-9-14

10 Research title The prevalence hepatitis B virus(HBV) infection in internally displaced person IDPS from south Waziristan agency , **student** Fazeelat Samad **date of viva voce examination** 12-5-2014

11 Research title Prevalence of Fasciola Hepatica(liver Fluke) in different animals of district Bannu Imran Ali Shah **date of viva voce examination** 16-1- 2015

12 Research title: Study on bacterial proteases production, quantification and the effect of metal ion on protease activity **student** Mr Khuram Rehman, **date of viva voce examination** 24-6-2015

13 Research title study on the antibacterial activity of Calotropis procera ,student Muhammad Muzammal **date of viva voce examination** 11-9- 2015

14Study on antimicrobial activity and phytochemical analysis of stem extract of Jatropha Curas.L student Nakab khan **date of viva voce examination** 11-9- 2015

15 study on the antimicrobial potency of honey in comparison with antibiotic. student , Miss sadaf Rafiq **date of viva voce examination** 11-9- 2015

16 study on the effect of accelerated stability conditions on the physiochemical and biological aspect of various brands of azithromycin,biochemistry and molecular biology prospective . student, Muhammad bilal **date of viva voce examination**11-9- 2015

17 study on antimicrobial activity of natural Chewing sticks in comparison with antibiotics ,student Muhammd Sohaib ,**date of viva voce examination** 11-9- 2015

18The efficacy of sulphaquinoxaline and Diaverdine with and with out Vitamin-A and Vitamin K3 for treatment of Caecal Coccidiosis in Broilor ,**Khalid Muhammad date of viva voce examination** 27-11 2015

19 Isolation and screening of threonine producing bacteria from soil by **Salamullah date of viva voce examination**

20 Mr Muhammad Arshad **Khan** Antibacterial and antifungal Screening of selected indigenous Natural products against human pathogen **date of viva voce examination** 11-3-2016

21 **Mushtaq Hussain Zahid** effect of Pngamia Pinnata and Euclyptus Leaf extract on various serological parameter in male albino mice **date of viva voce examination** 11-3-2016

21Asghar Ali Asghar Screening of antibiotic producing microbes from different soil source submitted 2016

22 Mr **Shafiq Ullah khan**.Isolation and screening of ruminal Amino acids producing bacteria submitted 2016

23 Akbar Ali prevalence of plasmodium parasitemia and hematological parameter associated with uncomplicated Maleria in D.I.Khan 2016

24Abur Rafey comperative study of antimicrobial activity of Glycyrrhiza glabra andViola odorata 2016

ONGOING RESEARCH LEADING TO PHD DEGREE

- 1 Epidemiology of Hepatitis C Virus, its current trends and future implication in diagnosis, prevention and treatment in Khyber Pakhtunkhwa of Pakistan Hayat Khan since 2009
- 2 Saeed Ur Rehman Identification And Molecular Detection Of *Agrobacterium Tumefaciens* From Soil And Plants since 2013
- 3 Ms Hadia Gul Genetic dissections of Pakistani families segregating autosomal recessive albinism since 2013

ONGOING RESEARCH LEADING TO M.PHILL DEGREE

- 1 **Muhammad Saifullah** prevalence of human toxoplasmosis in district Layya Punjab pakistan
- 2 Hadayat ullah Hypoglycemic effect of Trigonella Foenum Graecum seed extract on Alloxan induced diabetic Rabbits
- 3 Qazi jamil Prevalence of urinary tract bacteria in district D.I.Khan
- 4 Zeeshan Hussain shah evaluation of antimicrobial activities of Euphobia helioscopia
- 5 Muhammad Idress sero prevalence of brucellosis and its control in sheep and goats in D.I.Khan
- 6 Atiq ur Rehman prevalence of liver fluke in sheep population in district Dera Ismail khan and treatment trial with various anti helminthic drugs
- 7 Kaleem ullah Zubair Urinary tract infections prevalence, evaluation of bacterial pathogen and antibiotics susceptibility in diabetic patients of different parts of Karachi
- 8 Abdul Karim khan Prevalence of intestinal parasitic infections among school going children in district Bannu Khyber Pakhtunkhwa
- 9 Mobin

