

NEWS-BULLETIN

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UVAS syndicate approves Rs 3.295 billion budget



The Syndicate of University of Veterinary and Animal Science Lahore approved Rs 3.295 billion budget for the financial year 2019-20 with focus on innovation, research, development and improving facilities for quality education, services and transfer of technology.

Chairing the 59th Syndicate meeting, Vice-Chancellor Meritorious Prof Dr Talat Naseer Pasha said that focus is on applied research and development projects for further improving the quality of education, research and services.

He told the meeting that the value of the ongoing 144 research projects is Rs 1.454 billion while Rs 1.545 billion have been allocated for development projects. Of the total development allocation, Rs 1.152

billion will be spent on ongoing projects while Rs.393 million on new projects to be initiated in the financial year 2019-20.

Work on "Livestock Sector Development Through Capacity Building, Allied Research and Technology Transfer University of Veterinary and Animal Sciences (UVAS)" will begin this year for which Rs 300 million have been allocated.

Among the ongoing projects, the Vice-Chancellor said that Rs 350 million have been allocated for "Enhancement of Research Facilities at Ravi Campus Pattoki", Rs.658.262 million for Establishment of University of Veterinary and Animal Sciences at Bahawalpur, Rs.62.780 million for Establishment of Training Centre for Biologics at UVAS Ravi Campus Pattoki, Rs 81.038 million for "In-

UVAS wins Rs 300m Canadian funding to develop alternatives to antibiotics used in poultry production

The University of Veterinary and Animal Sciences has won an international collaborative funding with combined worth of 2.8 million Canadian dollar (equivalent to Rs 300 million) from International Development Research Center (IDRC), Canada, under the Innovative Veterinary Solutions for Antimicrobial Resistance programme.

The InnoVet-AMR is a partnership between the IDRC and the UK government's Global AMR Innovation Fund, which is part of the Department of Health and Social Care. This project is a collaboration of UVAS and Punjab University in Pakistan and Purdue University in the USA to develop new technologies that will collectively replace the use of antibiotics in Pakistan's poultry production. Prof Dr Zafar Hayat is project leader from UVAS with Prof Dr Athar Mahmud and Dr Gulbeena Saleem as Co-PIs/team members. The UVAS research team joins Dr Paul Ebner,

Purdue professor of animal sciences, Nicole Widmar, Purdue professor of agricultural economics and Dr Shafiq ur Rehman from the University of Punjab to reduce risk that antimicrobial resistance in poultry poses to health and food security. The project will reduce reliance on antibiotics in Pakistan's poultry industry and support the transition to alternatives that enhance poultry health and efficiency without posing any risk to public health. Platforms will be designed and implemented to encourage the rapid development of phage and nutraceutical-based antibiotic alternatives and a framework will be defined to introduce and promote these technologies for commercial and field use. Vice-Chancellor Prof Dr Talat Naseer Pasha congratulated the faculty on winning such a useful project and said it will prove a milestone in the development of poultry sector and availability of antibiotic-free and safe chicken to the consumers.

Dr lahtasham completes research project

Dr lahtasham Khan, Associate Professor of College of Veterinary & Animal Sciences, completed a research project titled "OIE-Project-Validation study of a western blot technique and ELISAs for serological diagnosis of glanders in equids for the purpose of certifying freedom from infection in individual animals for trade or movement."

This research work was supported by World Organization for Animal Health (OIE) and International Horse Sports Confederation. The confederation acknowledged and noted the performance of the project on its official web page under the heading "Significant progress on important research projects"



UVAS syndicate approves Rs 3.295 billion budget

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service Training Facilities of Advanced Veterinary Education and Professional Development for Veterinary

Professionals".

Earlier, presenting the budget before the Syndicate, Treasurer Mr Muhammad Umar said that the university expects non-development income of Rs 1.634 billion from different sources while non-development expenditure is expected at Rs.1.750 billion, so there is a deficit of Rs.115.849 million. The Vice-Chancellor said that Rs.914.061 million is expected to be generated by the university from its own sources.

At the end of meeting, the Vice-Chancellor presented souvenirs to syndicate members Prof Dr Laeeq Akbar Lodhi, Mr Abdul Basit, Prof Dr Kosar

Jamal Cheema, Prof Dr Kosar Malik and Ms Amna Chughtai who completed their tenure as members of UVAS syndicate.



Academic and Research Collaboration with Royal Veterinary College UK

Dr Hafsa Zaneb, Chairperson Department of Anatomy and Histology UVAS, visited Royal Veterinary College to present her research at International Symposium of the Veterinary Schools Council (VetEd 2019) hosted by the RVC. Dr Hafsa presented two research papers that were developed in collaboration with RVC and UVAS faculty. She also held meeting with Prof Ayona Silva-Fletcher, Course Director at LIVE regarding design of collaborative project and strengthening of existing academic collaboration between RVC and UVAS.

UVAS is in academic collaboration with RVC since early 2018 through In-Service Veterinary Professional Development Project (IVPD). The IVPD project is funded by the Punjab government and oversees the UVAS faculty enrolment in MSc Veterinary Education program at



RVC. Dr Hafsa led the initial academic collaboration with RVC as then Director of IVPD. She also met Prof Stephen May, Vice Principal RVC and the LIVE faculty during her stay regarding further collaboration. The visit was a success not only in terms of appreciation received

for sharing research findings from Pakistan but also because it led to strengthening of existing collaboration and opening of further research avenues with RVC which is the world number 1 Veterinary Education Institute as per current rankings.

Seminar on Congo fever and sacrificial animals



An awareness seminar on "Congo fever and sacrificial animals" was arranged at the College of Veterinary and Animal Sciences Jhang by the Section of Epidemiology and Public Health keeping in view zoonotic implications of Congo fever during Eid. The seminar was live through HEC video link, enabling faculty and students from other varsities to take part in discussion. Principal Prof Dr Abdul Shakoor called for adopting best practices to avoid the disease.

CVAS wins tent pegging competition

The College of Veterinary & Animal Sciences Jhang's Riding Club participated in tent pegging competition. CVAS Riding Club horse (Jugnoo) won first prize comprising a trophy and cash in single horse tent pegging competition by competing more than 100 participating teams.

UVAS organises AI training for KPK's newly merged area practitioners



The Department of Theriogenology of University of Veterinary and Animal Sciences organised one-month trainings on artificial insemination (AI) in cattle for field practitioners of newly merged areas of Khyber Pakhtoonkhwa.

The training was funded by Food and Agriculture Organisation (FAO-KPK) agency through a USAID project. Vice-Chancellor Prof Dr Talat Naseer and Additional Director Operations (FAO) Ms Shahana Khalil co-chaired the concluding session of training at Ravi Campus Pattoki and distributed certificates among the participants. Training coordinator Dr Irfan-ur-

Rehman, Chairman Department of Theriogenology Dr Amjad Riaz, IPO FAO Waleed Mehdi, Livestock Officer (FAO) Dr M Islam and participants and professionals from Khyber Pakhtoonkhwa were present.

Speaking on the occasion, Prof Pasha thanked FAO for trusting UVAS as their training partner. Training coordinator Dr Irfan briefed the delegation on the training activities of four batches. FAO IPO Waleed Mehdi and Livestock Officer Dr M Islam lauded the services of the university for the community uplift. Total 100 field practitioners were trained.

Pictorial coverage of UVAS activities



Vice-Chancellor Prof Dr Talat Naseer Pasha in a meeting with a Chinese delegation.



A practical demonstration during a first aid training of lab attendants



Punjab Higher Education Commission Chairperson Prof Dr Fazl Ahmed Khalid calls on the Vice-Chancellor.



Vice-Chancellor Prof Dr Talat Naseer Pasha in a meeting with a Pakistan Poultry Association delegation.



The Vice-Chancellor gives away a gift to university employee Syed Nasir Hussain Sherazi.



Mr Peter Fahrngruber, Vice-President Sales Ves Environmental Solution, calls on the Vice-Chancellor.

Pictorial coverage of UVAS activities



Alliance Francaise Director Stéphane Gaillard meets Vice-Chancellor Prof Dr Talat Naseer Pasha.



A delegation from De Montfort University, UK, meets Vice-Chancellor Prof Dr Talat Naseer Pasha.



Vice-Chancellor Prof Dr Talat Naseer Pasha chairs a post-review meeting of International Fisheries Conference.



Prof Vice-Chancellor Prof Dr Masood Rabbai in a meeting with a Chinese delegate.

Dead bird compost: Technology transferred to poultry industry



The Department of Poultry Production of UVAS in collaboration with University of Agriculture, Faisalabad, Government College University, Faisalabad, and TexasAM University, USA conducted a research project under the funding agency of Punjab Agricultural Research Board (PARB) and successfully developed composting technology for disposal of poultry waste.

The product after composting is eco-friendly and can be used as

agriculture fertilizer and feed ingredient. The research trial of compost was conducted on okra, potato, carrot and radish showed significant improvement in the form of per acre yield and related factors.

The department also successfully transferred the technology to companies like Big Bird, Sabir's Poultry, Ibrahim Poultry Traders and Bird Inn Poultry which are presently using the composting technology for disposal of poultry waste.

Recently, a technology transfer

seminar entitled "Composting: an ultimate safe & beneficial solution for poultry waste" was organised by the Department of Poultry Production. The event was attended by a large gathering of poultry and agriculture farmers.

Department of Poultry Production Chairman Prof Dr Athar Mahmud talked about the importance of composting, its effectiveness in eradication of harmful waste, environmental benefits and use as an agriculture fertilizer.

Award of M.Phil Degrees during July 2019

Name of Student	Department	Supervisor	Title of Thesis
Abdul Basit	Microbiology	Dr. Fareeha Akhtar	Phylogenetic Analysis of <i>Lig</i> Gene of Pathogenic <i>Leptospira</i> Spp. Isolated from Clinical Cases of Uti in Dogs in Lahore Pakistan
Fahad Ahmad	Microbiology	Prof. Dr. Aamir Ghafoor Bajwa	Molecular Epidemiology of Extended Spectrum B-Lactamase Genes (Esbl) In <i>E. Coli</i> Isolated from Broilers
Ramsha Shoaib	Microbiology	Dr. Aamir Ghafoor Bajwa	Evaluation of the Immunogenicity of the Recombinant outer Membrane Protein Oma87 (Roma 87) of <i>Pasteurella Multocida</i> B:2 for use in Preparation of Elisa Kit
Maham Mukhtar	Microbiology	Dr. Fareeha Akhtar	Prevalance of Spi-13 in Field Isolates of <i>Salmonella Enterica Subsp. Enterica</i> Serovar Gallinarum in Poultry
Kalsoom Aslam	Microbiology	Dr. Imran Najeeb	Activity of Essential Oils of Different Medicinal Plants Against <i>E. Coli</i> and <i>S. Aureus</i> Isolated from Poultry Feed
Amina Arooj	Microbiology	Prof. Dr. Aftab Ahmad Anjum	Biological Detoxification of Aflatoxins by Using Probiotic Strains of Lactobacilli
Iqra Nazir	Microbiology	Prof. Dr. Masood Rabbani	Evaluation of Antiviral and Antibacterial Activity of Herbal Extracts
Munazzah Maqbool	Microbiology	Dr. Ali Ahmad Sheikh	Use of Rep-Pcr in Source Tracking of <i>Escherichia Coli</i> in farm to Fork System
Tanzeela Ali	Microbiology	Dr. Ali Ahmad Sheikh	Expression of Antibiotic Resistance Genes in Uropathogenic <i>Escherichia Coli</i>
Asma Shahbaz	Microbiology	Prof. Dr. Tahir Yaqub	Evaluation of Antimicrobial Activity of Commensal <i>Lactobacilli</i> Isolated from Udder of Healthy Cow against <i>Staphylococcus Aureus</i>
Rao Muhammad Ramiz	Microbiology	Dr Arfan Ahmad	Molecular and Serological Detection of Bovine Leukemia Virus in Exotic and Local Breeds of Cattle in Lahore and Kasur
Zia Ul Hassan	Pathology	Prof. Dr. Muhammad Yasin Tipu	A Study on Coccidiocidal Effect of Nigella Sativa (Kalonji) Against Coccidia Infection in Broiler Birds
Nuzhat Saba	Pathology	Dr. Raheela Akhtar	Molecular Characterization of <i>Listeria Monocytogenes</i> from Dairy and Beef Industry of Punjab, Pakistan
Muhammad Khurram Khan	Pathology	Dr. Raheela Akhtar	Role of Calcium, Vitamin-D and Vitamin-D Receptors in Pathogenesis of Theileriosis in Cattle
Ayesha Sadiq	Pathology	Dr. Gulbeena Saleem	A Study of Snps in Alpha Toxin Gene of <i>Clostridium Perfringens</i> Isolated from Commercial Broiler Chickens with and without Clinical Necrotic Enteritis and Associated Histopathology
Paio Khan	Epidemiology & Public Health	Dr. Muhammad Hassan Mushtaq	Outbreak Investigation and Epidemiological Risk Factors Associated with Outbreak of Equine Influenza in Gujranwala, Gujarat and Lahore
Sadia Rasool	Clinical Medicine	Dr. Syed Saleem Ahmad	Effect of Essential Oils of Eucalyptus and Lavender as Teat Dip to Control Intramammary Infections in Dairy Cattle
Sunbal Sarfraz	Clinical Medicine	Prof. Dr. Muhammad Hassan Saleem	Comparative Efficacy of Albendazole, Levamisole and Aqueous Extract of <i>Allium Sativum</i> (Garlic) Against Gastrointestinal Nematodes in Sheep

Madeha Chaudhry	Clinical Medicine	Prof. Dr. Muhammad Hassan Saleem	Clinico-Bacteriological Characterization of Canine Mastitis in Lahore, Pakistan
Nargis Ambreen	Clinical Medicine	Dr. Syed Saleem Ahmad	Clinico-Therapeutical Trials Against Endoparasite of Ostrich in Lahore
Muhammad Awais	Clinical Medicine	Dr. Muhammad Avais	Evaluation of Immune Response to Combined Staphylococcus Aureus, Streptococcus Uberis and Escherichia Coli Isolates from Mastitic Milk In Rabbits
Mati Ullah	Clinical Medicine	Dr. Syed Saleem Ahmad	Study on Fecal Parasites and Bacterial Load in Captive Birds of Wildlife Parks in Bannu and Lakki Marwat Districts of Khyber Pukhtoon Khwa
Faraz Nasir	Clinical Medicine	Dr. Muhammad Ijaz	Prevalence and Molecular Diagnosis of <i>Brucella Abortus</i> and <i>Brucella Melitensis</i> from Blood and Lymph Node of Slaughtered Ruminants
Zain Khalid	Veterinary Surgery	Prof. Dr. Muhammad Arif Khan	Comparative Efficacy of Tension Band Wire, Dcp and Pop for the Treatment of Olecranon Avulsion Fracture in Dogs
Umair Ahmed	Veterinary Surgery	Dr. Naveed Hussain	Comparative Study of Cardiorespiratory Effects of Medetomidine-Etomidate-Buprenorphine with Medetomidine-Ketamine-Buprenorphine in Dogs
Fazal Ur Rehman	Veterinary Surgery	Dr. Hamad Bin Rashid	The Effects of Partial and Complete Nephrectomy on Various Hemato-Biochemical Parameters in Rabbits
Hafiza Ammara Tahir	Pet Animal Practice	Dr. Uzma Farid Durrani	Study on the Effect of Medroxyprogesterone Acetate on Different Serological and Cytological Parameters in Female Rabbits.
Hayatullah	Parasitology	Dr. Haroon Akbar	Microscopic and Molecular Diagnosis of NeosporaCaninum In Dogs.
Allena Tahir	Parasitology	Dr. Muhammad Lateef	<i>In Vitro</i> Efficacy of <i>ArachisHypogaea</i> (Peanut) Peels Extract Against <i>HaemonchusContortus</i> in Sheep
Farhat Sattar	Parasitology	Dr. Muhammad Lateef	<i>In Vitro</i> Efficacy of <i>Aloe Vera</i> Extracts Against <i>HaemonchusContortus</i> in Sheep
Muhammad Awais	Parasitology	Prof. Dr. Kamran Ashraf	Prevalence, Molecular Diagnosis and Phylogenetic Analysis of <i>Balantidium Coli</i> from Bovine Calves
Farrukh Bilal	Parasitology	Dr. Mian Abdul Hafeez	Molecular Characterization and Phylogenetic Analysis of Trypanosomal Species Infecting Horses in Karachi Region, Pakistan
Beenish Imtiaz	Parasitology	Prof. Dr. Kamran Ashraf	Acaricidal Efficacy of <i>SyzygiumAromaticum</i> (Clove Bud Oil) Against Ixodid Tick
Kiran Khalid	Parasitology	Dr. Mian Abdul Hafeez	Molecular Characterization of Eimeria and Cryptosporidium Species from Deer (Cervidae) Based on Sequence Analysis.
Munaza Zaman Khan	Parasitology	Dr Muhammad Oneeb	Comparative Efficacy of Mycosynthesized Silver Nanoparticles Against Mosquito Larvae
Muhammad Tayyab Hayat	Parasitology	Dr. Nisar Ahmad	Prevalence and Chemotherapy of Gastrointestinal Nematodes of Commercial Layer and Backyard Poultry in and Around District Lahore.
Muhammad Irfan	Biochemistry	Dr. Muhammad Arshad	Effect of <i>CalotropisProcera</i> Roots on Wound Healing in Rabbits

Academia-Industry collaboration only way for dairy development

The University of Veterinary and Animal Sciences Lahore organised a stakeholders meeting on 'Academia-Industry Research Drive for Dairy Sector'.

Chairperson Punjab Higher Education Commission (PHEC) Prof Dr Fazal Ahmad Khalid presided over the meeting and sought suggestions and technical input from stakeholders for development of dairy sector.

Vice-Chancellor Meritorious Prof Dr Talat Naseer Pasha and other representatives from dairy industries, stakeholders from public and private dairy sectors across the country, Buffalo Breeders Association and a large number of academicians, researchers and professionals were attended.

Speaking on the occasion, Chairperson (PHEC) Prof Dr Fazal Ahmad Khalid said that aim of the meeting was to provide a platform to all the stakeholders to promote innovation in dairy sector and



discussed various important issues, major constraints, requirements and challenges to address the challenges being faced in development of dairy sectors. Earlier Vice-Chancellor Prof Dr Talat Naseer Pasha gave a detailed presentation on the contribution of UVAS to dairy sector. In an open discussion, the participants put forward various suggestions for development of dairy sector. They recommended need to work

on food safety and food security issues, use simple language for imparting technical knowledge to farming community and reducing the feed cost.

Vision of UVAS

The university aspires to be the nation's leading public sector university with global recognition due to its quality in teaching and research, civic engagement and economic development.

UVAS signs MoU with ABM to control zoonotic pathogens



The University of Veterinary and Animal Sciences Lahore and Association for Biorisk Management (ABM) signed a memorandum of understanding to implement Pakistan Biorisk Management Program activities through mutual coordination of stakeholders to control zoonotic pathogens. Under the MoU, biosafety and biosecurity practices will be strengthened at UVAS and all its sub-

campuses. Vice-Chancellor Meritorious Prof Dr Talat Naseer Pasha (SI) and Executive Director (ABM) Pakistan Dr Asghar Ali signed the MoU in a ceremony at City Campus Lahore.

Speaking on the occasion, the Vice-Chancellor said that it is direly needed to work on biosafety and biosecurity practices and UVAS doors are always open for providing facilities and technical assistance to professionals from across Pakistan.

Dr Asghar Ali spoke about the MoU objectives and said that our organization is focusing on biosafety and biosecurity issues and contributing to capacity building.

According to the MOU, ABM will provide technical support to the laboratories of UVAS and its sub-campuses on a regular basis regarding biosafety and biosecurity. The association will assist in constituting a biosafety committee for regular review of biosafety and biosecurity status in laboratories and the laboratories will be strengthened through provision of essential equipment and reagents.

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