

# NEWS-BULLETIN

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## Caretaker Livestock Minister praises UVAS role in development



Caretaker Minister for Livestock & Dairy Development Punjab Mian Nauman Kabir paid a visit to the University of Veterinary and Animal Sciences (UVAS) Lahore City Campus and held a meeting with Vice-Chancellor Meritorious Prof Dr Talat Naseer Pasha, senior faculty members and administrative officers of the university. The minister lauded the progress made by the UVAS and its role in the development of livestock and allied sectors. He assured the university of full support in its endeavours for the benefit of poor farming community. He sought suggestions/expert opinion from UVAS for making a roadmap and affective policies for sustainable development of livestock sector in Punjab. He said it is

directly needed to create awareness among public and tanneries professionals before Eid-ul-Azha regarding preserving animal hides. Earlier, the Vice-Chancellor briefed the minister on UVAS history, campuses, labs, academic, research and development projects, 24/7 clinical services, various farmers & butchers training programmes and national and international collaborations. He said that the university is working very closely with the livestock and poultry industry and playing an active role for the development of livestock sector. He said that UVAS is working actively to ensure safe and quality meat reaching the consumers.

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## World Environment Day observed

The Society for Conservation of Environment and Nature of UVAS arranged a walk and a seminar with the theme of "Beat Plastic Pollution" to create awareness about hazardous effects of plastic pollution and promote environmental protection.

Vice-Chancellor Meritorious Prof Dr Talat Naseer Pasha led the walk while Pro Vice-Chancellor Prof Dr Masood



Rabbani, Senior Tutor Prof Dr Kamran Ashraf, Prof Dr Awais Umar, faculty members and students participated in the walk.

Assistant Professor from Polymer Engineering Department University of Engineering and Technology (UET) Dr Yasir Qayyum and Assistant Director from Environmental Protection Agency (EPA) Ms Aimen Hanif delivered lectures on management of solid plastic waste and environmental protection. Students gave presentations and suggestions on the alternative of plastic products.

## Awareness seminar at CVAS

The Department of Clinical Sciences, College of Veterinary and Animal Sciences (CVAS), Jhang, arranged an awareness seminar titled "Milk adulteration, misconception and realities". Dr Amar Nasir, Assistant Professor, Medicine, was resource person while Dr Iqbal Khan, Chairman Department of Clinical Sciences, was the organiser. Students, faculty, lab assistants and extension workers attended the seminar.

A discussion session was arranged to address the audience questions. The seminar was ended with the vote of thanks by Principal Prof Dr Abdul Shakoor.

## UVAS syndicate approves Rs 3.970 billion budget



The Syndicate of University of Veterinary and Animal Science Lahore approved Rs 3.970 billion budget for financial year 2018-19 with focus on development, research and improving facilities for quality education and services.

Chairing the 55th 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. The value of the ongoing 105 research projects is Rs 1.262 billion, he added. He said Rs 2.335 billion have been fixed for development projects. Rs 2.080 billion will be spent on ongoing projects while

Rs 255 million on new projects. Work on "Livestock Sector Development Through Capacity Building, Allied Research and Technology Transfer UVAS" will begin this year for which Rs 200 million have been allocated. Rs.55 million have been set aside for another new project titled "Production Enhancement of Livestock through Extension Services and Technology Transfer".

Treasurer Dr Zubair Farooq said that the university expects non-development income of Rs 1.568 billion from different sources during the year 2018-19 while non-development expenditure is expected at Rs 1.635 billion, so there is a deficit of Rs. 66.729 million.

## CUVAS inks MOU with CPCCF to develop pasture



The Cholistan University of Veterinary and Animal Sciences (CUVAS) Bahawalpur and Combating Poverty and Climate Change Foundation (CPCCF) signed a memorandum of understanding (MoU) to develop a diversified forest-cum-grazing pasture at CUVAS for grazing of multi-species of animals.

CUVAS Vice-Chancellor Prof Dr Talat Naseer Pasha and CPCCF Executive Director Ahsan Rashid signed the MoU in

a ceremony. Under the MoU, 100 acres of CUVAS land will be developed into a diversified forest-cum-grazing pasture for multi-species grazing. The grazing pasture will be made available for grazing to local and nomadic herders/shepherds for free. The overriding objective of the project will be to create a replicable model for sustainable development of the vast tracts of dry land in the country.

## Pictorial coverage of UVAS activities



Vice-Chancellor hands over a bouquet to outgoing Secretary Livestock Naseem Sadiq.



Vice-Chancellor chairs a meeting on Bovine Brucellosis Control Program.



Pre-departure orientation of Thailand-bound clinicians under IVPD project.



44th meeting of the UVAS Academic Council.



Vice-Chancellor in a meeting with a Turkish delegation.

## UVAS faculty member wins Rs 19.669 million research project

Dr Shafqat Nawaz Qaisrani, Assistant Professor, Department of Animal Nutrition, has won a Rs 19.669 million research project entitled



“Exploring Potential of Indigenous Feed stuff as a Source of Amino Acids and other Nutrients” funded by the Punjab Agricultural Research Board under CGS system. Dr Qaisrani is the Principal Investigator of the project which is to be completed in 36 months. The UVAS with the collaboration of Hi-Tech Feeds Pvt will conduct research to evaluate the nutritive profile and digestibility of indigenous feed stuff. The results of this project will be useful for economic benefits in terms of diet formulation on digestible amino acids basis and increasing the total strength of poultry with improved performance.

## UVAS faculty member wins research project

Dr Imran Altaf, Assistant Professor, QOL, UVAS, has won a Rs 6.7million research project entitled "The Development of highly sensitive novel ELISA kit for the Quantitative Detection of 146s Fraction of Foot and Mouth Disease Virus for the Quality Production and Evaluation of FMD Vaccine in Pakistan" from Higher Education Commission Islamabad under Technology Development Fund Program.

## Rs 2.91 million project for CVAS library

Muhammad Azhar Ishaq, Assistant Librarian, College of Veterinary and Animal Sciences Jhang won a Rs 2.91million project titled “Up- Gradation & Strengthening of Library, College of Veterinary and Animal Sciences Jhang Campus” from the Higher Education Commission Islamabad

## IVPD training on Basic Clinical and Diagnostic Skills in Small Animal Practice

The Pet Centre under the project titled "In-service Training Facility of Advance Veterinary Education and Professional Development for Veterinary Professionals (IVPD)" funded by the Punjab government organised a 5-day training on "Basic Clinical and Diagnostic Skills in Small Animal Practice". Vice-Chancellor Prof Dr Talat Naseer Pasha chaired the concluding session and distributed certificates. Prof Dr Asim Khalid and Associate Professor Dr Hafsa Zaneb were also present. Dr Amir Aslam, who is a small animal practitioner from Houston Animal Hospital, USA, was the resource person. Faculty members from various campuses participated in the training. In his address, Prof Pasha said that UVAS is providing the best clinical and diagnostics facilities to people and bringing more progress in terms of the



latest diagnostic equipment and infrastructure development. He said such trainings bring competence to participants in their professional work. Earlier, Prof Dr Asim Khalid Mahmood presided over the inaugural session of the training and said that the aim was to impart innovative knowledge and skills to young veterinarians. Dr Hafsa Zaneb spoke about the training objectives.

Various aspects related to small animal hospital design, mandatory minimum equipment required, prescription writing and documentation, pre exam of patient by the staff, exam by the vet, treatment, admission, client counseling, interpretation of diagnostic tests, blood work, X-rays, ultrasound, vaccination and deworming of pets and tick were discussed during the training.

## Hands-on training on 'bovine embryology' at Ravi Campus



The Department of Theriogenology supported by the project "In-service Training Facility of Advance Veterinary Education and Professional Development for Veterinary Professionals (IVPD)" organised a one-week international hands-on training workshop on "Bovine embryology" at Ravi Campus Pattoki under the supervision of foreign expert Prof Dr Kehuan Lu from Guangxi University Nanning, China.

The objective was to equip the faculty with in-vitro embryo production technology including follicle aspiration, oocytes grading, in-vitro maturation, in-vitro fertilization, Semen preparation, in-vitro culturing and grading of embryos. Fifteen faculty members from City, Jhang and Narowal Campuses participated in the training.

## IVPD training on Advanced Clinical and Diagnostic Techniques in Pets Animal Practice



The Pet Centre of UVAS in collaboration with the project titled "In-service Training Facility of Advance Veterinary Education and Professional Development for Veterinary Professionals (IVPD)" funded by the Punjab government organised a 5-day hands-on training workshop titled "Advanced clinical and diagnostic techniques in pets animal practice".

Vice-Chancellor Meritorious Prof Dr Talat Naseer Pasha presided over the concluding session of the training while Incharge Pet Centre Prof Dr Asim Khalid Mahmood, Associate Professor Dr Hafsa Zaneb, faculty members from clinical departments and MPhil Pet Animal Practitioners students were present. Addressing the inaugural session, Prof

Dr Asim Khalid Mahmood spoke about the objectives of the training. He said with the support of UVAS leadership, Pet Center is expanding day by day and providing 24 hour services.

Dr Asif Qadeer, a well-established senior veterinarian and an ex-student of UVAS with years of experience from the US, was the resource person. The training covered advanced diagnostic techniques which include CT scan, MRI, endoscopy and ECG along with a number of clinical procedures such as paracentesis, abdominocentesis, cystocentesis, feeding tube placement, introduction of laser surgery, nervous trauma handling, pain management and euthanasia.

## World Milk Day observed



The Department of Dairy Technology, University of Veterinary and Animal Sciences Lahore, observed World Milk Day 2018. An awareness walk was arranged to create awareness about fresh milk and its nutritional value. Vice-Chancellor Prof Dr Talat Naseer Pasha presided over the ceremony, while Dean Faculty of Animal Production & Technology, Director Student Affairs and staff and students of Dairy Technology attended the event.

Speaking on the occasion, Vice-Chancellor Prof. Dr. Talat Naseer Pasha said that Pakistan is the 4th largest milk producing country with minor contribution by goats and camels. He also spoke about the nutritional importance of milk, which should be the best choice among the available beverages as it contains calcium,

potassium, phosphorous, essential fibers, fats, and other nutrients which is essential for the growth of human body. Prof Pasha said the dairy department should create a page on social media informing people that milk and milk products are the healthiest than soft drinks. Chairperson Dr Saima Inayat said the day provided an opportunity to publicise activities related to milk and dairy industry.

**CVAS:** The Department of Clinical Sciences, College of Veterinary and Animal Sciences, Jhang, in collaboration with Engro Foods also celebrated Milk Day. A walk was arranged to create awareness about the importance of milk. A lecture was delivered by Dr Ghulam Muhammad about the importance of milk. A quiz competition was also arranged among students.

## Career drive arranged at UVAS



The UVAS Office of Career Services organised a career drive of ICI Pakistan Ltd at UVAS Business School for the recruitment of management trainee officers in animal & poultry health departments. A large number of DVM graduates from not only UVAS but also from University of Agriculture Faisalabad, Bahaudin Zakaria University Multan, Arid Agriculture University Rawalpindi and Riphah College of Veterinary Sciences Lahore appeared

for the career drive. Students were given a career counseling session from the Human Resource Officer ICI Pakistan Ltd. A brief introduction of the company was presented by Saboor Ahmed (Business Manager Animal Health, ICI Pakistan Ltd). Mr Saboor lauded UVAS efforts in the uplift of veterinary fraternity. He thanked UVAS management for organizing such activities for strengthening academia-industry linkages.

## Dr Raheela, her student win research competition



Dr Raheela Akhtar, Assistant Professor Department of Pathology, and her M.Phil student Ms Tuba Ejaz have won the 1st prize in "All Pakistan Pitching Research Competition". The University of Queensland, Australia, with the support of University of Haripur, Pakistan organised the competition. Out of over 100 applications, UVAS researchers' work got first position in Pakistan and received certificates and cash prize. Later a video conference was arranged by QEC, UVAS, for faculty members to share this information with students. The Vice-Chancellor, Pro-Vice Chancellor and senior faculty of UVAS congratulated both of them on this achievement.

## UVAS teachers attend workshop in South Africa



Dr Azmat Ullah and Amina Chughtai, researchers from Department of Food Science and Human Nutrition, attended a USDA Foreign Agricultural Service-sponsored Food Safety Workshop organised by National Metrology Institute of South Africa at Pretoria, South Africa. About 200 food safety professionals from 50 countries attended the workshop. Dr Azmat delivered a presentation on aflatoxin in contamination of milk supply chain and its health implications: A Pakistan perspective. Ms Amina presented a poster on knowledge attitude and practices of food hygiene among schoolchildren in Lahore schools.

## Award of M. Phil Degrees During Month of June 2018

Name of Student	Department	Supervisor	Title of Thesis
Syeda Amna Batool	Microbiology	Dr. Muhammad Nawaz	<i>In-Vitro</i> Characterization and Antibiotic Resistance Pattern of Lactobacilli Isolated from Commercial Probiotics.
Asma Jamil	Epidemiology and Public Health	Dr. Mamoona Chaudhry	Prospective Study of Influenza A in Poultry Handlers/ Butchers In Sentinal Poultry Markets of District Lahore.
Maryam Sherazi	Epidemiology and Public Health	Prof. Dr. Mansur-ud-Din Ahmad	Conventional Methods to Reduce <i>Salmonella</i> Load in Chicken Meat and its Public Health Significance.
Amin Khan	Theriogenology	Dr. Muhammad Zahid Tahir	Relative Association of Behavioral and Physiological Markers during Periovolatory Period in the Bitch.
Shabir Ahmad	Theriogenology	Dr. Muhammad Zahid Tahir	Relative Accuracy of Different Assay Techniques for Progesterone Testing in the Bitch.
Mohsan Zafar	Physiology	Dr. Imtiaz Rabbani	<i>In Vitro</i> Effect of Isoleucine on Electrophysiological Indices of Jejunal Epithelium of Laying Hens.
Hajira Rafi Awan	Pharmacology and Toxicology	Dr. Aqeel Javeed	Evaluation of Immunomodulatory Effect of Oxaprozoin in Mice.
Rabia Abbas	Food Safety and Control	Dr. Azmat Ullah Khan	Food Safety Knowledge and Food Handling Practices of Young Adults
Iftikhar Younis Mallhi	Food Safety and Control	Dr. Muhammad Sohaib	Food Safety Knowledge and Practices of Butchery Shops and the Microbial Profile of Meat in Lahore.
Menal Farooq	Food Safety and Control	Dr. Muhammad Sohaib	Knowledge, Attitude and Practice (KAP) Survey of Food Hygiene among Students in Various Schools of Lahore.
Faiza Iftikhar	Food and Nutrition	Ms. Amina Chughtai	Impact of School - Based Nutrition Education Intervention on Consumption of Fruits and Vegetables Among Middle School Children (Age 7 To 10 Years).
Fakeeha Maryam	Food and Nutrition	Ms. Amina Chughtai	Impact of Nutrition Education Interventions on Milk Consumption Among Students (20-22 Years).
Aniq Ur Rehman	Food and Nutrition	Dr. Azmat Ullah Khan	Evaluation of Nutritional Status in Cancer Patients During Treatment: A Hospital-Based Study.
Anam Riaz	Food and Nutrition	Dr. Sanaullah Iqbal	Assessment of Dietary Pattern of Working Women and Household Women in Relation to Their Nutritional Status.
Aieza Asghar	Food and Nutrition	Mrs. Rattan Kaur Chawla	Assessment of Malnutrition in Relation to Food Served to Female Prisoners.
Kinza Munir	Food and Nutrition	Mrs. Rattan Kaur Chawla	Assessment of Nutritional Status and Quality of Life in Children With Type 1 Diabetes Mellitus
Aneesa Zaheer	Environmental Sciences	Dr. Saif ur Rehman Kashif	Comparative Study of Fresh and Used Engine Oil for Heavy Metal Analysis.
Zahra Pervaiz	Environmental Sciences	Dr. Saif ur Rehman Kashif	An Assessment of Ambient Air Quality in Public/Private Schools of Lahore.
Sana Shahid	Environmental Sciences	Dr. Saif ur Rehman Kashif	Contribution of Environmental Factors Towards Smog Formation in Lahore.
Fatima Tariq	Environmental Sciences	Dr. Saif ur Rehman Kashif	Mapping of Ambient Air Quality of Major Sites of Lahore.
Zohaib Yasin	Business Management	Dr. Rana Muhammad Ayyub	An Empirical Study on Anti-Consumption of Halal Food in Non-Muslims of United States of America.

Sara Abid	Environmental Sciences	Dr. Saif ur Rehman Kashif	Bacterial Evaluation of Recreational Sites in Lahore.
Hajra Komal	Environmental Sciences	Dr. Saif ur Rehman Kashif	Assessment and Evaluation of Occupational Health and Safety System in Textile Mills of Chunia Industrial Estate Kasur.
Haleema Asif	Environmental Sciences	Dr. Saif ur Rehman Kashif	Impact of Storage Tank Type and Individual Practices on Water Quality in Lahore.
Tasmiya Hareem	Environmental Sciences	Dr. Fariha Arooj	Economic Viability of Pilot Scale Application of Ozone in Cotton Bleaching With Multiple Re-Use of Water Bath.
Adnan Khan	Environmental Sciences	Dr. Fariha Arooj	Evaluation of Industrial Boilers Exhaust in Relation to Air Pollution in Lahore.
Amen Riasat	Environmental Sciences	Dr. Fariha Arooj	Fruit Peels as Adsorbents for Removal of Metal Ions in Laboratory Prepared Solutions.
Sundas Rashid	Environmental Sciences	Dr. Fariha Arooj	Evaluation of Sugarcane Biochar Efficiency on the Growth of Chilli ( <i>Capsicum Annum</i> ) and Coriander ( <i>Coriandrum Sativum</i> ).
Naila Tehreem	Environmental Sciences	Dr. Fariha Arooj	Adsorption of Heavy Metals from Synthetic Effluent by Using Vegetables.
Muhammad Anas Batt	Environmental Sciences	Dr. Fariha Arooj	Lab-scale treatment of pharmaceuticals via UV Oxidation and Ozonation.
Riffat Mansha	Molecular Biology and Biotechnology	Prof. Dr. Wasim Shehzad	Development of Molecular Based Approach for Major Nematodes of Sheep and its Comparison with Fecal Microscopy.
Namra Asghar	Molecular Biology and Biotechnology	Dr. Asif Nadeem	Genomic and Phylogenetic Analysis of <i>Slc11a1</i> Gene in <i>Camelus Dromedarius</i> .
Rumisha Raza	Molecular Biology and Biotechnology	Dr. Sehrish Firyal	Molecular Characterization of Pakistani Raptors (Families <i>Accipitridae</i> and <i>Falconidae</i> ) through Mitochondrial <i>Nd2</i> Gene.
Hira Tariq	Molecular Biology and Biotechnology	Dr. Sehrish Firyal	Molecular Characterization Of Pakistani Raptors ( <i>Accipiteridae</i> And <i>Falconidae</i> ) Through <i>Cytochrome-B</i> Gene.
Yusra Mateen	Molecular Biology and Biotechnology	Dr. Ali Raza Awan	Meta-Analysis of Economically Important Freshwater Fish Species of Pakistan Through Cytochrome Oxidase I Gene Marker.
Abdul Mannan	Molecular Biology and Biotechnology	Dr. Ali Raza Awan	Genetic Classification of Fresh Water Fish Species of Pakistan Through Meta-Analysis of Cytochrome B Gene Marker.
Sumaira Shafique	Molecular Biology and Biotechnology	Dr. Maryam Javed	Molecular Exploration of <i>Zbed6</i> Gene for Growth Trait in Cattle and Buffalo.
Zeshan Karam	Animal Nutrition	Prof. Dr. Anjum Khalique	Interaction Between Energy, Protein and Valine Levels on Gut Development, Growth and Carcass Quality in Broiler.
Zain Bin Amjad	Poultry Production	Dr. Jibrin Hussain	Blood Biochemistry, Fatty Acid Profile and Micro Minerals Analysis of Meat from Commercial Broiler, Broiler Breeder and Native Aseel Chicken in Pakistan.
Shakila Mumtaz	Genetics	Prof .Dr. Khalid Javed	Identification of Beta Casein Gene ( <i>Csn2</i> ) Polymorphism Using PCR-RFLP in Different Cattle Breeds.
Laraib Zulfiqar	Zoology	Dr. Ali Hussain	Biosorption of Toxic Metals Using Highly Multiple-Metal-Resistant Bacteria.
Danish Khan	Business Management	Dr. Rana Muhammad Ayub	The Impact of Brand Personality, External Prestige, and Reputation on Student Supportive Attitude Towards Business Schools of Khyber Pakhtunkhwa.

## New Bio-Sciences academic block inaugurated

The newly-built state-of-the-art Biosciences Academic Block of the University of Veterinary and Animal Sciences Lahore has become functional on the City Campus Lahore. Chairman Planning and Development Board Punjab Mohammad Jehanzaib Khan inaugurated the block. Vice-Chancellor Meritorious Prof Dr Talat Naseer Pasha, Dean Faculty of Bio-sciences Prof Dr Habib-ur-Rehman and a number of faculty members and administrative staff were present. The academic block cost Rs 90 million and has been completed in 16 months. It consists of a lecture theater, three lecture rooms, a seminar hall, eight laboratories, an amphitheater and faculty offices with all the latest necessary facilities.

Speaking on the occasion, Jehanzaib Khan said that UVAS has become a hub of veterinary education through its quality



education and research. He said it is direly needed to focus on knowledge creation, which is the main source of development. He suggested that UVAS must develop strong links with private sector for the promotion of livestock and related sectors, entrepreneurship and economic development. He said that students' research work should focus on field problems/real issues of society for community development.

Vice-Chancellor Prof Dr Talat Naseer Pasha spoke about various UVAS

laboratories, disease diagnostics and clinical services, consultancy and advisory services, farmers and livestock professional dairy training for the profitability of poor farming community.

### 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.

## Website of International Buffalo Congress launched at UVAS

The University of Veterinary and Animal Sciences launched the website ([www.abc2019.uvas.edu.pk](http://www.abc2019.uvas.edu.pk)) of International Buffalo Congress (IBC) 2019.

Prof Dr Kehuan Lu from Guangxi University China along with UVAS Vice-Chancellor Meritorious Prof Dr Talat Naseer Pasha chaired the website-launching ceremony. Speaking on the occasion, Prof Pasha spoke about the preparations/arrangements for the

two days International Buffalo Congress (IBC) which will be held on February 18 and 19, 2019 at the UVAS.

He said that national and international academicians, researchers experts/professionals from Pakistan, Argentina, Australia, Bulgaria, Canada, China, Columbia, Egypt, India, Iran, Iraq, Italy, Romania, Nepal and the USA



will participate in the congress.

He said various aspects (health, nutrition and management, etc.) of buffalo will be discussed in IBC. Prof Dr Mian Abdul Sattar spoke about the registration, abstract submission, national and international representatives and post congress events.

#### Patron:

Prof Dr. Talat Naseer Pasha  
(Vice-Chancellor)

Convener Press & Publication Cell:

Dr. Hafsa Zaneb

For Contact & Feedback: [ppc@uvas.edu.pk](mailto:ppc@uvas.edu.pk)

<https://www.facebook.com/pages/UVAS/820256828060473?ref=hl>

#### Members:

Muhammad Iqbal

Muhammad Nouman

Muhammad Ali Hamza

Muhammad Rizwan Saleem

Dr. Ali Raza Awan

[https://twitter.com/UVAS\\_Official](https://twitter.com/UVAS_Official)

#### Edited by :

Muhammad Iqbal

Photography by:  
Basharat Ali Khan

Art Designer:

Sohail Abbas