

NEWS-BULLETIN

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The University of Veterinary and Animal Sciences Lahore has launched drip irrigation system at its Ravi Campus Pattoki to save precious water under an Agricultural Water Efficiency Project funded by the Nestle Pakistan.

Nestle Pakistan's Chief Executive Officer Freda Duplan accompanied by UVAS Vice-Chancellor Prof Dr Talat Naseer Pasha and other officials inaugurated the project by unveiling a project plaque and watering newly-planted saplings.

Freda Duplan and other officials of the water company also planted mango plants on the occasion. While listing the benefits of the drip irrigation system on the occasion, the UVAS Agriculture Officer said that the drip system saves a

lot of water and time. He said that 15 million liters water is saved annually by watering the UVAS orchard through the drip irrigation system. It takes only 45 minutes to water all plants of the orchard spread over about seven acre land while earlier it took more than 24 hours to water these plants through flood irrigation system, the officer said, adding that canal water is being used in the drip system which also controls salinity. Freda Duplan also visited Central Laboratory Centre comprising Food Chemistry Lab, Food Safety Lab, Embryology Lab, Animal Nutrition Lab, Diagnostic Lab, Meat Technology Lab, Bio-imaging Lab, etc, where university researchers briefed her on labs

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International conference on 'Trans-boundary Diseases of Veterinary and Public Health'



The Department of Clinical Medicine & Surgery (CMS) and Institute of Biochemistry and Biotechnology (IBBT) of UVAS organised a 3-day international conference on “Trans-boundary Diseases of Veterinary and Public Health” under the Pak-US Science & Technology project titled “Capacity Building of Neglected Vector Born Diseases in Livestock” funded by the Higher Education Commission (HEC).

The UVAS had collaboration of the Lanzhou Veterinary Research Institute (LVRI) Chinese Academic of Agriculture Sciences Beijing China and Punjab Agriculture Research Board (PARB). King Edward Medical University Vice-Chancellor Prof Dr Khalid Masood Gondal presided over the inaugural session of the conference while UVAS Vice-Chancellor Prof Dr Talat Naseer Pasha chaired the concluding ceremony and distributed certificates among the conference participants. Pro Vice-

Chancellor Prof Dr Masood Rabbani, Director LVRI CAAS China Prof Dr Hong Yin, Prof Dr Aneela Zameer Durrani, students, faculty members, national and international speakers were also present.

Speaking on the occasion, Prof Pasha said there are ample opportunities in livestock, food production and trade in the Pak-China Economic Corridor and we should get maximum benefit from them.

Prof Gondal lauded the UVAS efforts in arranging such an informative conference on very important issue and gathering national and international experts under one roof to discuss solutions to trans-boundary diseases. Prof Aneela spoke about the conference objectives.

Meanwhile Director LVRI CAAS China Prof Dr Hong Yin inaugurated vector born disease lab at Department of Clinical Medicine & Surgery, UVAS.

Seminar on breastfeeding



The Department of Food Science and Human Nutrition of UVAS arranged a seminar on “Sustaining breastfeeding together” as part of World Breastfeeding Week. Vice-Chancellor Meritorious Prof Dr Talat Naseer Pasha chaired the concluding session of the seminar while Prof Dr Nosheen Javaid, representative IRMNCH Primary and Secondary Health care, community health workers and mothers from the local community attended the lectures about the health benefits of breastfeeding for both the mothers and newborns. The Vice-Chancellor highlighted the importance of breastfeeding and its health benefits. .

DICE Mega event

The UVAS team of BBA (Hons) got 3rd position in DICE Mega Event of Innovation and Entrepreneurship held at Sukkur IBA. Over 65 universities participated in the contest with more than 200 projects. UVAS team won 3rd prize in category C (Arts, Humanities, Business and Social Sciences) with a shield and cash award of Rs 25,000.

Farewell party



UVAS organised a farewell party in the honour of driver Imdad Hussain on his retirement. Pro VC Prof Dr Masood Rabbani and Registrar Sajjad Haider and staff members were present on the occasion.

UVAS, Chinese institute sign MoU



The University of Veterinary and Animal Sciences (UVAS) Lahore and Lanzhou Veterinary Research Institute (LVRI) China signed a memorandum of understanding. Vice-Chancellor Prof Dr Talat Naseer Pasha and LVRI Director Prof Dr Hong Yin signed the MoU. Under the MoU, the two parties will jointly work for control and prevention of trans-boundary diseases. They will conduct collaborative research for human resource development and exchange faculty and students. Focal persons for both institutions were nominated on the occasion.

Pictorial coverage of UVAS activities



The Vice-Chancellor with Punjab Health Minister and others at International Poultry Expo 2018.



The Vice-Chancellor hands over a cheque contributed to dam fund by the UVAS employees to the Punjab Governor.



The Vice-Chancellor leads an awareness walk arranged by UVAS on World Rabies Day.



The art legacy show is being inaugurated at the UVAS City Campus.



Documents being exchanged after signing an MoU Between UVAS Business School and Oracle Ltd.



Walk on International Day for Natural Disaster Reduction.



New office-bearers of UVAS Non-Teaching Staff Association being administered oath by the Vice-Chancellor.

World Food Day observed



The Department of Food Science and Human Nutrition and Office of Research Innovation and Commercialization of UVAS in collaboration with Punjab Food Authority (PFA) observed "World Food Day" with the theme "Our Actions are our Future: A Zero Hunger World by 2030 is Possible".

An awareness seminar and a poster contest featured the day. Director General Punjab Food Authority Capt Muhammad Usman (retd) presided over the seminar while Vice-Chancellor Prof Dr Talat Naseer Pasha and many guests from public and private sector organizations, students from different institutions and faculty members were present. Speaking on the occasion, Capt Usman spoke about the role of Punjab Food Authority in ensuring food safety

and security in Punjab. He said the Punjab Food Authority is working actively to control adulteration in food items. He lauded UVAS for support in drafting minimum pasteurization law. Addressing the audience, Prof Pasha said that it is our responsibility to create awareness about the pure and high quality food. Mr Sager Mahmood spoke about role of food industry in addressing food security and hidden hunger, Ms Ghazala Pervez Zaman about strategies to combat hidden hunger and malnutrition at household level and Dr Amber Elahi about food fortification programme and its role in addressing hidden hunger in Pakistan. Capt Usman along with Prof Pasha distributed cash prizes among the winners of poster contest.

Poultry Production Dept wins two research grants

The Department of Poultry Production won two competitive research grants. Prof Dr Athar Mahmud won a research project titled "Utilisation of poultry waste as an entrepreneurship" of Rs 6.010 million from HEC project Establishment of Technology Development Fund. Dr Jibran Hussain won research project "Development of meat type lines of Japanese quail via pedigree selection to gain enhance growth rate and reproductive performance" of Rs 4.56 million from HEC.

Attends moot in Malaysia

Mr Hammad Ur Rehman, a PhD scholar at the Department of Microbiology, UVAS, attended 4th World Veterinary Poultry Association (WVPA) Asia meeting 2018 on theme "Detection and Control of Poultry Diseases" as a speaker at Pullman Kuala Lumpur City Centre, Malaysia. The travel grant for the meeting was provided by World Veterinary Poultry Association. Mr Hammad is currently doing PhD under supervision of Dr Aamir Ghafoor.



Scholarship for PhD studies

Mr Sadaqat Ali Chattha, Lecturer, Department of Leather and Fiber Technology, has won "One Belt One Road Initiative Scholarship" from China for PhD studies at the National Engineering Laboratory for Clean Technology of Leather Manufacture and Leather Chemistry and Engineering, Sichuan University, under the supervision of Prof Dr Biyu Peng. Mr Chattha is first Pakistani pursuing his PhD studies in the Leather Science and Technology.



Prof Nasim visits Chinese varsity



Professor Emeritus Nasim Ahmad of Department of Theriogenology visited the Guangxi University, (GXU) in Nanning, China. The invited visit was a next step in the active collaboration between UVAS and GXU in the area of buffalo embryology. This institution ever since has been involved in high quality buffalo in vitro embryo production, cloning and semen sexing work.

Prof Nasim presented his lifetime work on male and female buffalo reproduction and suggested ideas for future. He met senior administrators, faculty, and postgraduate students of Animal Reproduction of GXU. He interacted with group of six postgraduate students from Pakistan who are undergoing PhD training at GXU. He also visited Buffalo Research Institute, and semen production unit.

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functioning and benefits. Earlier in a meeting, the Vice-Chancellor gave a presentation to the visiting dignitary on the UVAS functioning, various campuses, faculties, research, extension and training programmes, national and international linkages, university ranking among top Asian universities, etc. Prof Pasha said that applied research is priority of the university and currently Rs 1,261 million research projects won on competitive basis from national and international funding agencies are being executed by the UVAS faculty members.

Seminar on bovine tuberculosis at CVAS

A seminar on bovine tuberculosis was arranged by Epidemiology and Public Health Section, Clinical Sciences Dept, CVAS Jhang. Prof Dr Tariq Javed, Chairman Dept of Pathology, UAF, was the resource person. He elaborated different pragmatic approaches of tuberculosis prevention and control in Pakistan. Seminar was attended by PG students from UAF, CVAS, UG students and faculty. Principal Prof Abdul Shakoor presented vote of thanks.

UVAS, CVAS teachers get training in Singapore



Dr Lahtasham Khan, Associate Professor, Epidemiology and Public Health, CVAS, Dr Shahzad Ali, Assistant Professor, Wildlife and Ecology and Mr Khizer Abbas, postgraduate student from Ravi Campus, participated in one-health training at the National University of Singapore for the detection of zoonotic respiratory viruses of human-animal interface. They cleared the preliminary stage of concept note on one-health research project award of worth \$25,000.

Training in Thailand

Dr Noor Khan, Project Manager from Fisheries and Aquaculture Dept, UVAS, and Malik Ramzan, Team Leader, Dept of Punjab Fisheries, visited Asian Institute of Technology, Thailand under research project, "Interactive effects of manipulated artificial feeds on the growth and breeding potential of Channa spp." funded by PARB for training on Channa spp breeding, weaning and culture practices. They conducted breeding experiments on various high value fish species and learnt various techniques.



Nutritional value of egg highlighted on egg day



The Department of Poultry Production of UVAS in collaboration with the Pakistan Poultry Association (PPA) observed World Egg Day in a befitting manner at Ravi Campus Pattoki. A seminar, a walk, a documentary about egg nutrition, a kit and competitions of egg-eating, egg dishes cooking, posters and egg shell models and a quiz featured the day to create awareness about the nutritional value of egg and its importance for the growth of human body. PPA North Zone Chairman Ch Muhammad Nusrat Tahir presided over the seminar. A number of poultry industry representatives besides faculty members and students from Govt Girls Community Model School Pattoki, Government Collage for Women Pattoki attended. In his address, Ch Nusrat Tahir

said that egg is the unique and affordable source of getting protein which is the basic need for the growth of human body. Dr Abdul Kareem Bhatti urged students to clarify myths and controversies associated with eggs and the nutritional quality of poultry meat. Prof Dr Anjum Khalique said that this is a unique opportunity to raise awareness about the benefits of egg and its important role in life. Prof Dr Athar Mahmood presented the vote of thanks while Assistant Prof Dr Shahid Mehmood gave a presentation on importance of egg for a healthy nation and the importance of protein in human diet.

Ch Nusrat distributed cash prizes among egg shell model, egg dishes and egg eating contest winners.

UVAS holds All Pakistan Bilingual Declamation



The University of Veterinary and Animal Sciences Lahore arranged 3rd All Pakistan Bilingual Declamation competitions "Decrodeo 18". Total 34 institutions from all over Pakistan participated in the contest. Government Collage University Lahore won the team trophy. Farhan Ahmad from Lahore Garrison University won 1st position in English debate while Kashaf

Iqbal from University of Karachi won 1st position in Urdu debate. Chief Executive Officer of Punjab Educational Endowment Fund Dr Kamran Shams gave away the trophy, certificates and shields to the winners. UVAS Pro Vice-Chancellor Prof Dr Masood Rabbani and Senior Tutor Prof Dr Kamran Ashraf among others were also present.

Award of M. Phil Degrees During Month of October 2018

Name of Student	Department	Supervisor	Title of Thesis
Uzma Jabeen	Microbiology	Dr. Imran Najeeb	Evaluation of <i>In-Vitro</i> Antifungal Activity of Phytobiotics against Mycotoxin Producing <i>Aspergillus Terreus</i> from Poultry Feed Isolates
Mushal Fatima	Microbiology	Dr. Arfan Ahmad	Comparison of Antimicrobial Activity of Bleach and Aqueous Extracts of Ginger and Garlic Against <i>Salmonella Enteritidis</i> on Surface of Poultry Meat
Tehreem Tufail	Microbiology	Dr. Aamir Ghafoor	Immunomodulatory Effect of Liverton on Antibody Response to Newcastle Disease Vaccine in Broiler Chicks
Muhammad Tauseef Ahmad	Pathology	Prof. Dr. Asim Aslam	Identification, Localization and Histopathological Studies in Beetal Goats Naturally Infected with Peste Des Petits Virus in District D.G Khan and Muzaffargarh
Muhammad Rehan	Pathology	Prof. Dr. Asim Aslam	Isolation of Newcastle Disease Virus from Wild Birds and Their Carrier Potential to Affect Commercial Poultry
Waqar Azeem	Pathology	Prof. Dr. Asim Aslam	Evaluation of Barley Derived B-Glucans Against Experimentally Induced <i>Salmonella Gallinarum</i> Infection in Broilers
Muhammad Bilal Ramzan	Pathology	Prof. Dr. M Yasin Tipu	Investigations on Lymph Nodes Involvement in Buffaloes Suffering from Clinical Mastitis in Slaughter Houses
Melad Ahmed	Theriogenology	Dr. Aijaz Ali Channa	Reliability of Visual Observation and Automated System to Detect Estrus in Holstein Friesian Cows
Mohammad Awais	Veterinary Surgery	Dr. Ayesha Safdar Ch.	A Comparison of Incisional Gastropexy Vs Belt-Loop Gastropexy as Prophylactic Techniques for Prevention of Gastric Dilatation-Volvulus Syndrome in Dogs
Ali Sibtain	Epidemiology & Public Health	Dr. Mamoona Chaudhry	Burden of Influenza in Patients Visiting Emergency Department for the Treatment of Influenza Like Illness at Thq Hospital Shujabad, Multan
Muhammad Moin Aslam	Animal Nutrition	Dr. Muhammad Naveed ul Haque	Assessment of Aflatoxin Contamination at Commercial Dairy Cattle Farms of Central Punjab
Farooq Azam	Animal Nutrition	Dr. Shafqat Nawaz Qaisrani	Exploring the Nutritive Potential of Indigenous Protein Sources and their Digestibility Indices in Broilers
Fakhar un Nisa	Animal Breeding & Genetics	Prof. Dr. Khalid Javed	Selection for Growth Traits in Beetal Goats: Combination of Conventional and Molecular Approach

Muhammad Ishaq	Livestock Management	Dr. Muhammad Qamer Shahid	Identification of Risk Factors for Low Birth Weight in Nili Ravi Buffalo
Dilshad Rashid	Livestock Management	Dr. Nisar Ahmed	Factor Analysis of Biometric Traits of Marecha Camel
Hafiz Muhammad Akmal	Dairy Technology	Dr. Saima Inayat	Quality Comparison and Sensory Evaluation of Buffalo Milk and Camel Milk Ice-Cream
Akbar Hussain	Dairy Technology	Dr. Muhammad Nadeem	Effect of Date Seed Oil on Oxidative Stability of Butter Oil
Sehrish Iqbal	Pharmacology and Toxicology	Dr. Aqeel Javeed	Pharmacokinetics of Thymoquinone in Layer Birds Following Oral and Intravenous Administration
Ahmad Raza	Pharmacology and Toxicology	Dr. Muhammad Adil Rasheed	Antimicrobial Evaluation of Copper Nanoparticles Synthesized by Using Aqueous Leaf Extract of <i>Azadirachta Indica Linn</i>
Muhammad Shoaib	Food Safety and Control	Dr. Muhammad Sohaib	Compositional and Quality Evaluation of Slaughtered Vs Dead Chicken Meat for Safety Concerns
Tayyaba Kanwal	Food Safety and Control	Dr. Waqas Ahmed	Detection and Quantification of <i>Staphylococcus Aureus</i> , <i>Salmonella</i> and <i>Escherichia Coli</i> from Chicken Shawarma Being Sold in Various Towns of Lahore City
Muhammad Umair Riaz	Food Safety and Control	Dr. Muhammad Sohaib	Nutrition Composition and Aflatoxin M1 Assessment of Commercial Tea Whitener Brands Available in Pakistani Market
Fatima Hassan	Forensic Sciences	Dr. Saadat Ali	Determination of Postmortem Interval by Estimating Changes in Mrna Level Of <i>B-2-Microglobulin</i> Gene in Mouse for Forensic Application
Danish Hassan	Physiology	Dr. Imtiaz Rabbani	Assessment of Thyroid Dysfunction in Relation to Degree and Duration of Hyperglycemia in Type II Diabetic Patients
Muhammad Anser	Environmental Sciences	Dr. Fariha Arooj	Estimation of Edta and Citric Acid Assisted Uptake of Chromium by Sunflower (<i>Helianthus Annuus L</i>) from the Soil Contaminated with Tannery Waste Water

Award of Ph.D Degrees during Month of October 2018

Muzaffar Ali	Microbiology	Prof. Dr. Tahir Yaqub	Segment Six Based Antigenic Diversity of Avian Influenza Virus (H9N2) Isolated From Commercial and Backyard Poultry in Pakistan
Rahman Ullah	Dairy Technology	Dr. Muhammad Nadeem	Exploring the Potential of Chia (<i>Salvia HispanicaL.</i>) for Optimizing Antioxidant Characteristics and Storage Stability of Dairy Products
Khaleeq ur Rehman	Physiology	Prof. Dr. Habib ur Rehman	Physiological Characteristics of Testicular Venous Blood flow and Associated Structural Changes in individuals with Varicocele

Livestock Minister visits Ravi Campus, lauds UVAS facilities, services

Minister for Livestock and Dairy Development Punjab Sardar Husnain Bahadur Dareshak paid a visit to the University of Veterinary and Animal Sciences Lahore's Ravi Campus Pattoki. He was accompanied by former federal minister for privatization / President WWF Pakistan Altaf M Saleem. Vice-Chancellor Meritorious Prof Dr Talat Naseer Pasha led the minister to various departments including Dairy Training and Research Centre, Sheep & Goat Research Centre, Zoological Museum and Fish Hatchery, Ostrich Farms, clinics, Foreign Faculty Hostels, Prof Akram Complex, Central Laboratory Complex. The laboratories heads briefed the minister on the functioning, research, food & feed analysis and services for poultry, dairy and feed industries. The minister also planted a sapling in front of the Akram



Complex. The minister appreciated state-of-the-art disease diagnostic labs, quality of education and research, dairy management training and clinical services for the benefit of poor farming community.

The Vice-Chancellor briefed the minister on the UVAS academic research, dairy training & advisory services, clinical & disease diagnostic facilities, various laboratories analysis/tests and training programmes, etc. He said UVAS

laboratories are equipped with latest technology and highly-trained human resource to provide the best training to university students and the latest clinical facilities to the 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.

AJK in-service paravets complete one-month AI training at UVAS



The Department of Theriogenology of the University of Veterinary and Animal Sciences Lahore in collaboration with Livestock & Dairy Development Department Azad Jammu & Kashmir (AJK) organised a one-month "In-Service Artificial Insemination (Refresher) Training Course" for livestock assistants from the AJK.

Pro Vice-Chancellor Prof Dr Masood Rabbani and Director

Aijaz Ali Channa were present.

Prof Rabbani urged the trainees to apply their knowledge in practical field and contribute to the uplift of livestock sectors in AJK. Dr Matloob Hussain Raja acknowledged the UVAS role in capacity building of AI professionals which is the key to increasing livestock production. Dr Aijaz Channa highlighted the importance of the course.

General Livestock & Dairy Development AJK Dr Matloob Hussain Raja co-chaired the concluding session of workshop and distributed certificates among the participants. Prof Dr Nasim Ahmed, Prof Dr Mian Abdul Sattar, Dr Amjad Riaz, Course Coordinator Dr

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