

NEWS-BULLETIN

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The University of Veterinary and Animal Sciences Lahore and Institute of Public Health Lahore (IPH) signed a memorandum of understanding for academic and research cooperation.

Former Governor Punjab Lt-Gen Khalid Maqbool (retd) and Dean Prof Dr Zarfishan Tahir from Institute of Public Health and Vice-Chancellor Meritorious Prof Dr Talat Naseer Pasha and Dean Faculty of Biosciences Prof Dr Habib-ur-Rehman from UVAS signed the MoU in a ceremony held at IPH.

Speaking on the occasion, Gen Khalid

Maqbool said that the MoU would be very beneficial for both institutions in gaining knowledge and experiences from each other. He lauded the progress made by UVAS with the state-of-the-art laboratories and other infrastructure.

Prof Pasha said it is direly needed to work on food safety and food security issues under one-health concept. He called for curbing zoonotic diseases through applied research.

According to the MOU, both institutions will jointly arrange academic programs on human food nutrition, research activities

Independence Day celebrated in befitting manner at all campuses

The University of Veterinary and Animal Sciences Lahore celebrated 72nd Independence Day in a befitting manner. The day began with Quran Khawani and special prayers in the university mosque for the martyrs and for the progress and prosperity of the country and university. Later a flag-hoisting ceremony was arranged in front of Administration Block. Pro Vice-Chancellor Prof Dr Masood Rabbani hoisted the national flag while faculty members, staff and students attended in large numbers. The university also arranged a walk to express solidarity with Kashmiri people. Pro VC Prof Dr Masood Rabbani led the walk while members and staff participated. The walk participants demanded end to bloodshed of innocent Kashmiri people. Similar flag-hoisting ceremonies and walks were also held on Ravi Campus Pattoki, College of Veterinary and Animal Sciences (CVAS) Jhang, Para-Veterinary Institute Karor Lal-Eason Layyah and Khan Bahadur Chaudhary Mushtaq Ahmad College of Veterinary and Animal Sciences Narowal.



UVAS inks MoU with Institute of Public Health

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and publications on their collaborative research projects. Both parties will exchange students and faculty for academic training and research, seminars, workshops and conferences related to their field. They will actively exchange information about research, publications and funding opportunities and develop intellectual property rights. UVAS Director External Linkages Dr Imtiaz Rabbani and Institute of Public Health officials were present on the occasion.



Selected for Global Mentorship Program

Dr Muhammad Ilyas Riaz, lecturer Department of Microbiology, has been selected in the International Federation of Biosafety



Association (Canada) Global Mentorship Program. The program unites and engages researchers and biosafety experts from a variety of regions and professional disciplines to foster sustainable and regionally relevant professional biosafety networks, global linkages and collaboration to exemplify positive biosafety culture in international and local settings.

Poultry department goes solar



The Department of Poultry Production as part of austerity drive and to reduce electricity bill installed two 40-plate solar panels in their broiler, layer and indigenous chicken farms at Ravi Campus.

Each of the system having a capacity of 33 Amperes will produce 10 kVA electricity and reduce electricity/diesel bill cost by Rs. 60,000 per month

Japanese professor joins UVAS for a semester

The Department of Animal Nutrition of UVAS is hosting a Professor of Animal Nutrition, Masaaki Toyomizu, from the Graduate School of Agriculture Science, Tohoku University Japan, as a visiting professor for a semester to benefit from his vast experience and expertise in animal nutrition especially bioenergetics.

Prof Toyomizu is a prolific researcher and has served different Japanese and global universities and research centres for over 30 years. He has many international publications in international journals with high citation. During his stay at UVAS, Prof Toyomizu will deliver class lectures, guide postgraduate students in their research work at Ravi Campus Pattoki. He will also meet industry people. Prof Toyomizu is currently working on biochemical & physiological properties of nutrients and non-nutrients in animals; metabolic responses of primary culture cells and



mitochondria to nutrients in three-component systems, bioenergetic in mitochondria and ROS production in domestic animals, modular kinetic analysis for mitochondrial oxidative phosphorylation and uncoupling in chicken skeletal muscle, establishment of dietary systems to alleviate heat stress in chickens and development of high value added meat and production system using feed rice.

Australian professor guides research students

Mr Peter Thomson, an Associate Professor from The University of Sydney, also Adjunct Professor at UVAS, visited the university from August 16-26. He has been a regular visitor to UVAS since 2013. During the time, he worked with several students, two from the Department of Epidemiology and Public Health and one from the Institute of Biochemistry and Biotechnology. For this he advised them on issues of study design and statistical analysis, his field of expertise. During his stay, he also met academics from the Institute of Biochemistry and Biotechnology, discussed possible joint areas of interest. He also discussed with the



UVAS Business School about running some statistics workshops later in the year.

He also met with colleagues from the Dairy Beef AVCCR Project, and his visit was supported by Dr Shumaila Arif from the Small Ruminant Project.

US delegation visits UVAS Business School

A United States Agency for International Development (USAID) delegation along with officials from Punjab Enabling Environment Project visited UVAS Business School.

The USAID Deputy Director lauded 22 research studies completed by the CAPRIL.



Tree plantation under PM's Plantation Campaign



University of Veterinary and Animal Sciences Lahore Pro Vice-Chancellor Prof Dr Masood Rabbani along with Deans, Directors and Chairmen of different departments planted a number of saplings in front of Allama Iqbal Hostel and Khadija Tul Kubra Hall under the Prime Minister's National Plantation Campaign.

During the week a large number of saplings were planted on all campuses of UVAS, including Ravi Campus Pattoki, Collage of

Veterinary & Animal Sciences Jhang, Khan Bahadur Chaudhary Mushtaq Ahmad Para-Veterinary School (KBCMA CVAS) Narowal and Para Veterinary Institute Karor Lal Eason Layyah to promote greenery and contribute to National Plantation Campaign.

UVAS faculty and staff also observed black day to express solidarity with the people of Kashmir. They wore black armbands in protest against oppression and brutality of Indian forces on innocent Kashmiri people.



Seminar on 'Recent Advances in Enzyme Nutrition for Poultry'

The Department of Animal Nutrition of the University of Veterinary and Animal Sciences in collaboration with the Nutritionist Association of Pakistan (NAP) and DSM-Nutritional Products arranged a technical awareness seminar on "Recent Advances in Enzyme Nutrition for Poultry" for the guidance of farmers and professionals. Vice-Chancellor Meritorious Prof Dr Talat Naseer Pasha presided over the inaugural session of the seminar while Dean Faculty of Animal Production and Technology Prof Dr Anjum Khaliq, Chairperson Department of Animal Nutrition Prof Dr Saima, representatives from the poultry industry, stakeholders and researchers, professionals, faculty members and students were present. General Manager/Senior Manager



Technical Services-Enzymes, DSM APAC Dr Stamatopoulos Kostas highlighted various aspects of global feed enzymes alliance, enzymes in poultry nutrition, innovation in enzymes development, the approach

to sustainable animal production, poultry meat production and recent advances in feed manufacturing, enzyme utilization in poultry. Speakers spoke about various aspects of the topic.

Pictorial coverage of UVAS activities



A warm send off in honour of Mr Stéphane Gaillard, Director Alliance Francaise.



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



A delegation of the Pharmacy Council Pakistan calls on Vice-Chancellor Prof Dr Talat Naseer Pasha.



Animals are being treated at a free treatment camp before Eidul Azha on City Campus.

Award of M.Phil Degrees during August 2019

Name of Student	Department	Supervisor	Title of Thesis
Suleman Irfan	Microbiology	Prof. Dr. Masood Rabbani	Evaluation of Microbial Quality and Antibiotics in Poultry Meat and Feed
Nimra Rana	Microbiology	Dr. Sohail Raza	Development of Gene Deleted Bovine Herpesvirus 1 Using Bacterial Artificial Chromosome (Bac) Recombineering
Iqraljaz Ahmed	Microbiology	Dr. Fareeha Akhtar	Comparative Efficacy of Spores of Bacillus Licheniformis (GalliproTect) and Bacillus Subtilis (Gallipro) Against the Experimentally Induced Salmonella Gallinarum Infection in Broilers
Marriyam	Microbiology	Dr. Imran Altaf	Isolation and Genetic Characterization of Foot and Mouth Disease Virus Serotype O From Field Samples.
Hafiz Muhammad Imran Javed	Microbiology	Dr. Muhammad Zubair Shabbir	Genomic Analysis of Nucleocapsid and Fusion Genes of Small Ruminant Morbillivirus in Pakistan
Sana Murrad	Microbiology	Dr. Muhammad Asad Ali	Molecular Characterization and Antibiotic Resistance Profile of <i>Escherichia Coli</i> Isolated from Mastitic Milk of Cattle
Hafza Zahira Manzoor	Microbiology	Dr. Imran Altaf	A Study on Homology and Heterology Among Different Isolates of Foot and Mouth Disease Virus Type "O"
Abeera Khalid Chaudhry	Microbiology	Dr. Muhammad Nawaz	<i>In Vitro</i> Characterization and Physicochemical Optimization of Phytase Produced by Indigenous Yeast
Asad Ullah	Pathology	Dr. Raheela Akhtar	Mlva Genotyping of <i>Brucella</i> Strains in Bovines and Humans from District Swat and Peshawar
Shumaila Khalid	Pathology	Dr. Muti-ur-Rehman Khan	<i>In Vivo</i> and <i>in Vitro</i> Antibacterial Effect of Platelet Rich Plasma Against Bubaline Mastitis as a Novel Alternative Therapy
Nida Luqman	Pathology	Prof. Dr. Asim Aslam	Histopathological Study on Hepatoprotective Effects of Chicory (<i>Cichorium Intybus</i>) Leaves Against Experimental Aflatoxin Infection in Broilers
Hafiz M. Farooq	Clinical Medicine	Dr. Jawaria Ali Khan	Cross Sectional Study of Hemoglobinuria in Large Ruminants in District Kasur
Shaheryar	Veterinary Surgery	Dr. Hamad Bin Rashid	Comparative Efficacy of Ketamine-Xylazine-Buprenorphine and Ketamine-XylazineNalbuphine in Rabbits Undergoing Castration
Muhammad Zahir	Veterinary Surgery	Dr. Hamid Akbar	Comparison of Conventional Methods with Commercially Available Topical Hemostat Surgicel Snow (Oxidized Cellulose) for Achieving Hemostasis in Canine Model of Partial Splenectomy
Muhammad Asghar	Pet Animal Practices	Dr. Uzma Farid Durrani	Comparative Efficacy of Amprolium, Garlic Oil and Ginger Oil Against Coccidiosis in Common Quail
Rizwan Ullah Anwar	Pet Animal Practices	Dr. Shehla Gul Bokhari	Comparative Efficacy of Ivermectin, Doramectin and Moxidectin Against Sarcoptic Mange in Rabbits
Muhammad Wajahat Saleem	Theriogenology	Dr. Amjad Riaz	Effect of Breeding Season (High Vs Low) on Follicular Population, Quality, Nuclear Maturation and <i>In-Vitro</i> Fertilization in Nili-Ravi Buffalo Oocytes Under Sub-Tropical Conditions
Muhammad Saad Zaman	Theriogenology	Dr. Muhammad Zahid Tahir	Correlation of Serum and Seminal Biochemistry with Semen Quality in Dogs
Rehman Khan	Theriogenology	Dr. Aijaz Ali Channa	Effect of Propylene Glycol Supplementation During Early Postpartum Period on Serum Metabolites and Reproductive Performance in Nili-Ravi Buffalo
Sajjad Hussain Gulraiz	Parasitology	Prof. Dr. Kamran Ashraf	Parasitic Prevalence in the Pluck of Slaughtered Cattle and Buffalo at Modern Abattoir in Lahore

Naveed Akram	Parasitology	Prof. Dr. M Imran Rashid	Detection and Isolation of <i>TheileriaAnnulata</i> from Salivary Glands of Ticks of Cattle
Haseeb Khalid	Parasitology	Dr. Muhammad Oneeb	Identification of Ixodid Tick Species and Molecular Detection of Piroplasmic Organisms in Bovine Ticks
Iqra Islam	Parasitology	Dr Nisar Ahmad	Prevalence and Management of Endoparasitic Fauna in Ostriches from Different Captive Conditions in Punjab
Liaqat Ali Khokhar	Parasitology	Dr. Muhammad Lateef	Molecular Characterization and Phylogenetic Analysis of <i>Toxocara Canis</i> Domestic and Stray Dogs Located in Lahore, Punjab, Pakistan
Muhammad Sarmad Hassan	Physiology	Dr. Imtiaz Rabbani	<i>In Vitro</i> Effect of Aqueous Extract of <i>Bauhinia Variegata</i> Leaves on Electrophysiological Indices in Isolated Distal Ileal Epithelium of Rabbit
Abia Khalid	Physiology	Dr. Muhammad Shahbaz Yousaf	Effects of Chromium and Chitosan Supplementations on Bone Health and Minerals Profile in Broilers
Ayesha Sarfraz	Food and Nutrition	Dr. Azmat Ullah Khan	Body Composition Analysis of Patients with Moderate to Severe Chronic Obstructive Pulmonary Disease
Irtaza Farooq Butt	Molecular Biology and Biotechnology	Dr. Muhammad Wasim	Analysis of <i>Bax</i> Gene Mutations from Different Canine Tumors
Muhammad Naveed	Molecular Biology and Biotechnology	Dr. Asif Nadeem	Molecular Characterization of Signal Transducer and Activator of Transcription 5a (<i>Stat5a</i>) Gene in Nili Ravi Buffalo Bulls
Muhammad Sulyman Saleem	Molecular Biology and Biotechnology	Prof. Dr. Wasim Shehzad	Development of Triplex Pcr Assay for the Identification of Halal Meat Species
Khadijah Murtaza	Molecular Biology and Biotechnology	Dr. Muhammad Yasir Zahoor	Mutational Analysis of Genomic Determinants Involved in Inherited Urinary Stone Disease and Phylogenetic Studies with Pets
Fatima Kabir	Molecular Biology and Biotechnology	Dr. Muhammad Imran	Comparative Analysis of Dna Extracted by Boiling in Different Buffers and Distilled Water for Pcr-Rflp Based Meat Identification
Syeda Bisma	Biochemistry	Ms. Huma Mujahid	Amelioration of Toxic Effects of Aflatoxin B1 With <i>Lactobacillus Salivarius</i> in Broilers
Farwa Saghir Ahmad	Forensic Sciences	Dr. Maryam Javed	The Study of Comt Gene Polymorphism in <i>Cannabis Sativa</i> Drug Abusers
Muhammad Muaaz Munir	Pharmaceutics	Dr. Muhammad Usman	Population Pharmacokinetics of Vancomycin in Pakistani Patients
Farwa Muskan Khalid	Pharmaceutics	Dr. Muhammad Khurram	Development and Characterization of Oral Drug Delivery System Containing Antifungal Agent for the Treatment of Oral Thrush
Bilal Mahmood Beg	Pharmacology and Toxicology	Dr. Aqeel Javeed	Evaluation of Immunomodulatory Effects of Niclosamide in Mice
Uzma Baig	Pharmacology and Toxicology	Prof. Dr. M Ovais Omer	Evaluation of Antiviral Activity of <i>Aloe Vera L.</i> Against <i>H9n2</i> Avian Influenza Virus
Mubashar Ali	Animal Nutrition	Meritorious Prof. Dr. Talat Naseer Pasha	Effect of two Levels of Dietary Energy with Varying Feeding Frequencies on Lactation Performance in Holstein Friesian Cows
Dilawar Hussain	Animal Nutrition	Prof. Dr. Saima	Comparison of Ileal Digestibility of Different Sources of Phosphorus and Their Impact on Growth Performance of Broilers
Muhammad Usman Akram	Meat Science & Technology	Dr. Muhammad Hayat Jaspal	Effect of Post Rigor Calcium Chloride Marination on Meat Quality Attributes of Young and Spent Buffalo
Muhammad Zeeshan Anwar	Livestock Management	Mr. Hifzul Rahman	Effects of Frequency of Feed Delivery on Behavior of Lactating Holstein Cows

Stakeholders discuss fisheries, aquaculture development

The University of Veterinary & Animal Sciences Lahore organised a stakeholders meeting of Industry Liaison Working Group of Fisheries and Aquaculture for the promotion of Fisheries and Aquaculture sector in Punjab. Vice-Chancellor Meritorious Prof Dr Talat Naseer Pasha chaired the meeting while Director General, Department of Fisheries Punjab Dr Sikander Hayyat, professionals, fish farmers, representatives from fish feed industries, UVAS faculty members were present.

Speaking on the occasion, Prof Pasha said that the government was focusing on fishery sector, which remained neglected in the past. He said private sector collaboration is necessary for development of fishery sector.

Dr Sikander Hayyat spoke about the initiatives of three projects of Rs 13.7 billion taken by government of Pakistan for the promotion of incubate shrimps



farming, cage fish culture, boosting trout fish farming to strengthen fisheries & aquaculture sector. An open discussion was held and the participants put forward various suggestions for development of fisheries. They called for the development of different indigenous fish species of Pakistan. Chairman Department of Fisheries & Aquaculture Dr Noor Khan presented the post conference report to members of

Industry Liaison Working Group Fisheries and Aquaculture regarding International Fisheries & Aquaculture Conference 2019.

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 observed Kashmir Solidarity Day

The University of Veterinary and Animal Sciences Lahore observed Kashmir Solidarity Day in collaboration with Punjab government on the City Campus. One-minute silence and prayer for peace in Kashmir while speech, nazam and patriotic songs were also presented by students to express solidarity with Kashmiris people.

Vice-Chancellor Meritorious Prof Dr Talat Naseer Pasha chaired the programme while Pro Vice-Chancellor Prof Dr Masood Rabbani, Senior Tutor Prof Dr Kamran Ashaf and a large number of students, faculty members and administrative staff attended. The participants of the



programme demanded end to bloodshed of innocent people in Kashmir by Indian army.

Addressing the audience, Prof Pasha said Kashmiri people are facing brutality and HR violation by Indian army. He said that they stood by Kashmiri people. Similar events were also arranged in other campuses of UVAS.

Patron:

Prof Dr. Talat Naseer Pasha
(Vice-Chancellor)

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