

NEWS-BULLETIN

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The University of Veterinary and Animal Sciences Lahore in collaboration with Pakistan Poultry Association (PPA) organized a three days Poultry Science Conference on the occasion of International Poultry Expo (IPEX-2019) at Expo Centre Lahore.

Each day's theme included Poultry Health, Farm Management and Nutrition, Processing, Value Addition and Food Safety. The organizers received more than 70 abstracts related to these themes. After technical evaluation, 21 papers were selected for oral presentation. Six keynote speakers, including five international ones

from the UK, the USA and Lebanon, attended the conference. Other oral presenters were from various universities of Pakistan. On each day three laptops were distributed among the participants on asking the best questions from the oral presenters.

Pakistan Poultry Association Research Awards of worth US\$3000 each were given to two best papers presented at the conference. The research papers were evaluated by a panel of three experts of poultry sector. The awardees were none other than Dr Jibran Hussain, Assistant Professor, Department of Poultry Production, UVAS, and Ms Afsheen

11 UVAS faculty members get PG Certificate in Veterinary Education from RVC UK



Eleven faculty members of University of Veterinary & Animal Sciences Lahore successfully completed PG Certificate in Veterinary Education from the Royal Veterinary College, UK. The faculty members are Dr Hafsa Zaneb, Dr Mamoon Chaudhry, Dr Muhammad Zahid Tahir, Dr Saima Ashraf, Dr Shehla Gul Bokhari, Dr Muhammad Qamar Shahid, Dr. Shahan Azeem, Dr Jibrán Hussain, Dr Gulbeena Saleem, Dr

Khalid Abdul Majeed and Dr Ghazanfer Ali Chisti. This was a distant learning module fully funded by IVPD Project of UVAS. The program comprises of several stages starting from PG Certificate, PG Diploma and finally MSc in Veterinary Education. This program is for the faculty members who are either involved in Veterinary Education or who promote teaching excellence across the veterinary profession.

Defence, Kashmir Solidarity Day observed



The University of Veterinary and Animal Sciences Lahore arranged a walk to mark the Defence Day of Pakistan and expressed solidarity with the people of Kashmir. Senior Tutor Prof Dr Kamran Ashraf led the walk while a large number of faculty members, staff and students participated. The aim of walk was to aware the young generation of the sacrifices of the Pakistan army and the people for the defence of Pakistan. They demanded end to bloodshed of innocent people in Kashmir by Indian army. They also paid rich tribute to the Pakistani & Kashmiri martyrs. Similar activities were also arranged on all other campuses of UVAS.

UVAS wins PPA Research Awards during Poultry Science Conference

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Shafqat, a student of UVAS Sub Campus, College of Veterinary and Animal Sciences, Jhang. Both the researchers will go abroad for short training or participation in a relevant international conference.

Minister for Livestock and Dairy Development Sardar Hasnain Bahadar Dreshak, was chief guest of the closing ceremony while UVAS Vice-Chancellor Prof Dr Talat Naseer Pasha and PPA office-bearers were also present. The minister gave away the research awards to the winners. He lauded the efforts of UVAS in organizing such an important event for the benefit of poultry industry, farming community and research scholars. He said this was a true example of academia-industry linkages and provided an opportunity to both academia and industry to work together and conduct demand-driven research, solving problems faced by the industry.



Online course from Stanford University



Dr Muhammad Asif completed three-week online course titled "Cultivating the Entrepreneurial Mindset and Scaling Excellence: How you can help to make it happen" from the Stanford University California. This course was funded by IVPD project of UVAS.

IPS faculty, students achievements

■ Mr Wahab Ahmed Khan, a student of Institute of Pharmaceutical Science of UVAS, completed training at Faculty of Pharmaceutical Sciences Naresuan University and Naresuan University Hospital (USA Clinical Training Site), Phitsanulok, Thailand.

■ Dr Kashif Maqbool Khan, lecturer, completed his PhD in Phyto-Chemistry from COMSAT Abbotabad while Dr. Shaista Qamar, Assistant Professor, completed her PhD in Medicinal Chemistry from the Punjab University.

■ Mr. Allah Bukhsh, won the best 3-minute thesis award from Monash University Australia.

■ A project of Dr Hamid Saeed has been shortlisted for the business incubation center by the University of Haripur for a prize money of Rs 0.1 million. He presented the project on Sept 20, 2019.

LBSA team visits PVI

A team of the Livestock Breeding Services Authority (LBSA) visited Paraveterinary Institute Karor Lal Eason, Layyah. The team visited different sections / departments, clinics and livestock and quail farms of the institute. They expressed full satisfaction with ongoing development work.



Academia-Industry joint efforts key to poultry development



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

Vice-Chancellor Meritorious Prof Dr Talat Naseer Pasha chaired the meeting. Representatives of poultry industry, the Pakistan Poultry Association, stakeholders from public and private organisations including Mr Khalil Sattar, Dr Abdul Kareem Bhatti, Ch Muhammad Furgham, Ch Muhammad Nusrat Tahir and a number of academicians, researchers and professionals attended. Prof Pasha said that UVAS was focusing on problem-solving research, rural entrepreneurship and food safety. He gave a detailed presentation on the contribution of UVAS in poultry sector. He spoke about UVAS future plan on consumer awareness, disease control, market interventions, poultry processing

and value addition, halal certification for export and improvement in rural poultry. Dr Paul D Ebner, a professor of animal sciences from Purdue University, spoke about development & commercialization of antibiotic alternatives for poultry production in Pakistan.

The participants called for starting a campaign through social and electronic media for consumer education, removing any ambiguity/concern about the use of steroids, hormones and antibiotics in poultry and its feed. They said that joint efforts are needed by academia and industry for development of poultry industry. They suggested that it is direly needed to establish a committee for conducting market-based research, collecting data regarding per capita income and saving, demand and behaviour of consumer, marketing forecast and financial analysis.

MoU inked for research on dairy animal monitoring



The University of Veterinary and Animal Sciences Lahore and Cloud Agri Pakistan signed a memorandum of understanding to collaborate on research in dairy animal monitoring through sensor technologies. Director Office of Research Innovation and Commercialization Dr Farhan Jamil and General Manager Cloud Agri Pakistan Dr Muhammad Asad Ullah Khan signed the MoU. According to the MOU, both parties

will work in dairy production with primary focus on the monitoring of buffalo behaviour for estrus detection, onset of calving time and early detection of health events, etc. The UVAS would provide its technical support to develop standard behavioral indicators. The behavioral monitoring devices will be used at UVAS for research purposes and will serve as a mean of demonstration for livestock producers..

Seminar on 'One Health: Human, Animal and Environment Interface'



The University of Veterinary and Animal Sciences in collaboration with Quality and Productivity Society of Pakistan arranged a seminar on "One Health: Human, Animal and Environment Interface." Vice-Chancellor Meritorious Prof Dr Talat Naseer Pasha, Foundation for Healthcare Improvement Lahore President Prof Syed Muhammad Awais and a number of guest speakers from different departments and institutions of Punjab, researchers, faculty members and postgraduate students attended the seminar. In his inaugural address, Vice-Chancellor Prof Dr Talat Naseer Pasha said that UVAS is working closely with national organizations like Institute of Public Health and assisting the health department in policy framework. Prof Syed Muhammad Awais delivered a lecture on standardization of healthcare, Member Planning and Development Board Dr Sohail Saqlain spoke about

role of IT interventions in improving hospital services.

Dean IPH Dr Zarfshan Tahir spoke about specialties of public health and global health, Dr Memoona Chauhdary from Dept of Epidemiology and Public Health about one health at human and animal interface, Nursing Punjab DG Kausar Parveen about nurses a voice to lead health, ex Principal Physiotherapy KEMU Saleha Saleem about quality of health education and physical therapy, Dr Nawaz Chuhdary about one health paradigm, Amina Chughtai from UVAS about improving quality of life through nutrition. Prof Dr Khalid Hussain delivered a lecture on scenario of pharmaceutical care services and requirements for patient quality of life. Principal De Montmorency Collage of Dentistry Shamta Sufi spoke about contribution of Pakistani dentists to one health.

Seminar on hepatitis for public awareness



The Department of Epidemiology and Public Health and Centre for Emergency & Medical Services of UVAS jointly organised an awareness seminar on hepatitis.

Dr Muhammad Nasir delivered a lecture and spoke about what are the causes and preventive measures of hepatitis-A. Pro Vice-Chancellor Prof Dr Masood Rabbani, Dept of Epidemiology and Public Health Chairman Dr Muhammad Hassan Mushtaq, students and faculty members were present on the occasion.

IVPD project monitoring team visits UVAS

Representatives of DG Monitoring and Evaluation Mr Muhammad Bilal Sohail (Research Analyst, DGM&E) and Engr Zeeshan Ullah (Individual Consultant) visited UVAS to check the performance of IVPD project. The team discussed project activities in detail and acknowledged its performance.

Students visit Vultures Conservation Centre



The Vets Care Club of UVAS keeping in view the International Vultures Awareness Day 2019 arranged a tour to the Vultures Conservation Centre, Changa Manga Forest Park. It had collaboration of WWF Pakistan. The aim was to create awareness about the significance of vultures and their role in balancing the ecosystem. DVM students from UVAS, Vets Care Club and from other universities of Lahore visited the park under the supervision of Patron Prof Dr Aneela Zameer Durrani.

Mr Zeeshan Khalid from WWF, Abdul Ghafoor and Dr Rizwan talked about the breeds of the vultures found in Asian continent, problems vultures are facing and roles of vultures in maintaining ecosystem.

A walk was also arranged at the centre. A photographic and sketching competition was held in accordance with the vultures awareness day.

PPA Ambassadors

On the request of Pakistan Poultry Association, 50 students of BS (Hons) Poultry Sciences, BS Medical Laboratory Technology and BS Zoology under the supervision of Mr Faisal Hussain (Lecturer, Department of Poultry Production) worked as "PPA Ambassadors" and managed all events of International Poultry Expo. The PPA lauded their efforts and presented them best organizers shields.

Pictorial coverage of UVAS activities



The Director French Consulate Lahore calls on Vice-Chancellor Prof Dr Talat Naseer Pasha.



The Vice-Chancellor gives away a certificate during International Poultry Science Conference & Expo.



The Pro Vice-Chancellor gives away a souvenir to Secretary L&DD Nabeel Ahmad Awan during his visit to UVAS.



Students and faculty stage a walk on World Pharmacist Day.



The Pro Vice-Chancellor addresses a workshop on Flock Health Monitoring in Poultry.



The IVPD project monitoring team meets Vice-Chancellor Prof Dr Talat Naseer Pasha.



The UVAS students who worked as 'PPA Ambassadors' during International Poultry Science Conference & Expo.



The Pro Vice-Chancellor addresses Defence and Kashmir Solidarity Days walk participants.

Award of M.Phil Degrees during September 2019

Name of Student	Department	Supervisor	Title of Thesis
Saba Khalid	Microbiology	Prof. Dr. TahirYaqub	Evaluation and Comparison of Loop Mediated Isothermal Amplification Assay with Genexpert for the Rapid Detection of <i>Mycobacterium Tuberculosis</i> .
Mehwish Kanwal	Microbiology	Dr. Muhammad Asad Ali	Molecular Characterization and Antibiotic Resistance Pattern of <i>Staphylococcus Aureus</i> Isolated from Mastitic Milk of Cattle
Atia Rasheed	Microbiology	Dr. Imran Altaf	Study of the Vp1 Eitopic Variation Between Different Isolates of Fmdv Type O
Javeria Abaid	Microbiology	Prof. Dr. TahirYaqub	Prevalence of Avian Influenza Virus in a-Biotic Factors of Live Bird Market in Lahore
Anum Farid	Microbiology	Dr. Imran Altaf	Anti-Cancer Activity of Colicin Against Cancerous Cell Line in Vitro Alone and in Combination with Other Pharmaceutical Agents
M Kamran Shabbir	Pathology	Prof. Dr. MYasinTipu	Determination of Baseline Hematological Values of three Caprine Breeds in Punjab
Muhammad Anwar	Pathology	Prof. Dr. M Yasin Tipu	Comparative Efficacy of Different Therapeutic Agents Against <i>Salmonella Gallinarum</i> in Japanese Quails (<i>Coturnix Japonica</i>)
IqraMehroz	Veterinary Surgery	Dr. Ayesha Safdar	Comparative Evaluation of Different Methods of Esophagotomy Closure with and without Pharyngostomy in Dogs
Umair Anjum	Veterinary Surgery	Dr. Naveed Hussain	Comparative Cardiorespiratory and Clinico-Biochmeical Study of Novel Aneshthetic Combinations of Dexmedetomidine-Etomidate-Buprenorphine with Dexmedetomidine-Ketamine-Buprenorphine in Non-Human Primates (Rhesus Monkey)
Ali Arslan	Veterinary Surgery	Prof. Dr. Muhammad Arif Khan	Comparative Efficacy of Staple Suture and Conventional two Layers Closure Techniques for Gastrotomy Incision Closure in Dogs
M. Faisal Shabbir	Pet Animal Practices	Dr. Shehla GulBukhari	Comparative Efficacy of Topical Amitraz and <i>AzadirachtaIndica</i> Against Demodicosis in Dogs
Mustansar Abbas	Theriogenology	Dr. Mirfan-ur-Rehman Khan	Effect of Melatonin and ecg Treatment on Fresh Semen Quality of Beetal Bucks During Non-Breeding Season
Muhammad Amjad	Theriogenology	Dr. Mirfan-ur-Rehman Khan	Effect of Early Weaning on Onset of Puberty in Spring Born Beetal Male Kids
Talha Yaseen	Parasitology	Dr. M Oneeb	Distribution Pattern & Molecular Identification of Bovine Tick Infestation in two Districts of Punjab
Fahad Faryad	Parasitology	Dr. M Lateef	Prevalence and Chemotherapy of Gastrointestinal Nematodes in Buffalo Heifers in District Narowal
Ali Rafiq	Parasitology	Prof. Dr. Fiaz Qamar	Therapeutic Effect of Embelia Ribes Against <i>Eimeria Species</i> in Broilers
Saba Khalid	Epidemiology & Public Health	Dr. M Hassan Mushtaq	Study on Association of Dog Bite and DogPopulation in Different Towns of Lahore andAwareness Level Regarding Rabies Control
Abdullah	Epidemiology and Public Health	Dr. Abdul Rehman	Prevalence of <i>Trypanosoma</i> Infection and Associated Risk Factors in Camels in Lasbela District, Baluchistan
Qaisar Abbas Khan	Epidemiology and Public Health	Dr. Waqas Ahmed	Pathological Changes Associated with Brucellosis Experimentally Induced in Guinea Pigs (<i>CaviaPorcellus</i>)
Ameer Muhammad	Epidemiology and Public Health	Dr. Iahtasham Khan	Human Brucellosis in Pyrexia of Unknown Origin Patients from Outdoor Clinic from Remote Areas of Punjab, Pakistan.
Muhammad Nadeem Saleem	Animal Breeding & Genetics	Prof. Dr. Khalid Javed	Performance Evaluation of Nili-Ravi Buffaloes and Sahiwal Cattle Maintained at Uvas, Ravi Campus, Pattoki

Abdus Samad Zafar	Livestock Management	Dr. Nisar Ahmad	Behavioural Indicators of Lohi Sheep Comfort on Different Types of Bedding Material
Jabran Anwar	Poultry Production	Prof. Dr. Athar Mahmud	Effect of Different Perch Design on Behavior and Performance of Layers
Qurrat-ul-Ain Khan	Pharmaceutics	Dr. M Irfan Siddique	Development and Characterization of Orodispersible Film Containing Cefixime Trihydrate as a Model Drug
Saima Tufail	Pharmaceutics	Dr. M Irfan Siddique	<i>Development and Characterization of Statin Loaded Nanofilm as a Potential Strategy for Diabetic Wound Healing</i>
Hafiza Kanwal Azam	Pharmaceutics	Dr. M Irfan Siddique	Development and Evaluation of Buccal Patch Containing Combination of Lisinopril and Simvastatin
Iqra Kausar	Molecular Biology and Biotechnology	Dr. Maryam Javed	Genomic Analysis of Single Nucleotide Polymorphism in the Bdnf Gene for Aggression in <i>Camelus Dromedarius</i> of Pakistan
Faisal Yaqoob	Molecular Biology and Biotechnology	Dr. Asif Nadeem	Comparative In-Vitro Chondrogenic Differentiation Potential of Adipose-Derived Mesenchymal Stem Cells From Rat and Human
Tousiful Rehman	Molecular Biology and Biotechnology	Prof Dr. Wasim Shehzad	Development of Dna Barcode Marker for the Identification and Differentiation of Both <i>Fasciola Hepatica</i> and <i>Fasciola Gigantica</i> in Small Ruminants
Riffat Fayyaz	Biochemistry	Dr. Rahat Naseer	Assesment of Neo-Nicotinoid Induced Genotoxicity in Somatic Cells of Wister Rats
Abdul Rehman	Forensic Sciences	Dr. Saadat Ali	Association of Single Nucleotide Polymorphism (Snp) 1523452 of <i>Adams9-As2</i> Gene with the Presence of Whorls on Digits of Hands from the Individuals of Pakistan
Sahar Asif	Forensic Sciences	Dr. Wasim Shehzad	Association of <i>Slc6a4</i> Gene Polymorphism with Suicidal Tendency in Individual from Punjab Pakistan
Sadaf Aroosa	Pharmacology & Toxicology	Dr. Adeel Sattar	Impact of Dexmedetomidine Infusion on Isoflurane Induced Oxidative Stress and Dna Damage in Patients Undergoing Major Emergency Surgery
Sadaf Areej	Pharmacology & Toxicology	Dr. Adeel Sattar	Antibacterial and Cytotoxic Evaluation of Diphenhydramine Alone and in Combination with Levofloxacin Against Respiratory Tract Infections
Syeda Mahanoor	Pharmacology & Toxicology	Dr. M Adil Rasheed	Modulation in Antimicrobial Resistance by Using Apple Cider Vinegar and Black Seed Alone and in Combinations in Diabetic Foot Infections
Shahbaz Anwar	Fisheries & Aquaculture	Dr. Sumaira Abbas	Immuno-Stimulating Actions of Garlic (<i>Allium Sativum</i>) on Haematolo-Immunological Parameters, Intestinal Micro-Flora and Growth Performance in <i>Labeo Rohita</i> (Rohu)
Mehar-u-Nisa	Fisheries & Aquaculture	Mrs. Shakela parveen	Effect of Olive by Products on Growth, Hematology and Gut Microbiota of <i>Hypophthalmichthys Molitrix</i>
Ayesha Malik	Zoology	Dr. Sumaira Abbas	Effect of Different Commercial Fish Feeds on the Growth, Body Composition and Enzyme Activities of <i>Labeo Rohita</i> (Rohu)
Ijaz Allah	Business Management	Dr. Tahir Mehmood	Impact of Various Factors on Behavior of Individual Investors: a Study on Banking Sector of Pakistan

Award of Ph.D Degrees During September 2019

Aziz-ul-Rahman	Microbiology	Dr. Muhammad Zubair Shabbir	Transcriptome Profiling of the Virus-Induced Innate Immune Responses in Chickens Challenged with Newcastle Disease Viruses of Different Pathogenicity
Sadaqat Ali	Clinical Medicine	Dr. Muhammad Ijaz	Prevalence, Molecular Typing and Phylogenetic Analysis of Field Isolates of Equine Piroplasmosis

CUVAS signs MoU to improve habitat of migratory birds, wildlife

The Cholistan University of Veterinary and Animal Sciences Bahawalpur and Houbara Foundation International Pakistan (HFIP) signed a memorandum of understanding to improve the habitat and conservation status of migratory birds and wildlife through trail research studies of in-situ and ex-situ conservation practices at CUVAS Bahawalpur. CUVAS Vice-Chancellor Meritorious Prof Dr Talat Naseer Pasha (SI) and President Houbara Foundation International Pakistan (HFIP) Brig (Retd) Mukhtar Ahmad signed the MoU. Pro Vice-Chancellor Prof Dr Masood Rabbani, Director External Linkages Dr Imtiaz Rabbani and officials from HFIP were present. Speaking on the occasion, Prof Pasha said that students, faculty members and researchers would get maximum benefits from the availability of wild animals, disease diagnostics laboratories at CUVAS. According to the MOU, HFIP will facilitate CUVAS for



sampling (blood, fecal etc.) of captive animals kept at different facilities. HFIP will assist in capturing/ trapping of animals like reptiles (lizards and snakes), birds and small mammals (rodents and hare) within the captivity for research purpose. HFIP will also facilitate the internees/researchers in movement and stay at research centers/protection posts in Cholistan desert. CUVAS Bahawalpur will provide health and diagnostic facilities including laboratory tests, surgery and postmortem with recommendations.

CUVAS will assist in monitoring population status of migratory birds and other wildlife at Cholistan desert. CUVAS would conduct research on concerned species and share the results and recommendations for improvement of the status of that species.

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 organises stakeholders meeting



The Department of Food Science and Human Nutrition of University of Veterinary & Animal Sciences in collaboration with Pakistan Society of Food Scientists and Technologists (PSFST) organised a meeting of stakeholders on pre arrangements of "International Food and Nutrition Conference & Expo".

Vice-Chancellor Meritorious Prof Dr Talat Naseer Pasha chaired the meeting and reviewed preparations/ arrangements for the upcoming Food and Nutrition Conference and Expo with the theme of "Innovations and Partnerships in Food Systems for Zero Hunger". Vice-

Chancellor University of Gambia Prof Dr Faqir Muhammad Anjum, Director General Punjab Forensics Science Agency Dr Ashraf Tahir, President PSFST Prof Dr Masood Sadiq Butt, Chief of Nutrition/SUN Focal Person Aslam Shaheen, representatives from dairy and food industries and UVAS faculty members attended the meeting.

Speaking on the occasion, Prof Pasha said that the Punjab government has taken many initiatives for the development of food sector and promotion of food safety culture to improve nutrition indicators.

Patron:
Prof Dr. Talat Naseer Pasha
(Vice-Chancellor)
Convener Press & Publication Cell:
Dr. Hafsa Zaneb
For Contact & Feedback: 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

Edited by :
Muhammad Iqbal
Photography by:
Basharat Ali Khan
Art Designer:
Sohail Abbas