

# NEWS-BULLETIN

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## UVAS, US officials discuss food safety issues



The University of Veterinary and Animal Sciences Lahore and officials from the United States discussed food safety issues at a meeting at the City Campus. Pro Vice-Chancellor Prof Dr Masood Rabbani and Mr Casey E Bean, Agricultural Counselor, US Embassy Islamabad, co-chaired the meeting. Others in attendance were Emeritus Prof Dr Nasim Ahmad, UVAS food safety experts from different departments and other members of the US delegation Dr Martin Sieber, President/CEO, US Livestock Genetics Export, Inc. USA, and Mr Asmat Raza, Senior Agricultural

Specialist, US Embassy. The meeting discussed various aspects of food safety problems/issues, their possible solutions, food safety standards and how to ensure safe food availability to the consumers. Food safety management under the umbrella of one health approach related to livestock sector was also discussed in the meeting. The UVAS food safety experts spoke about the food safety systems which can be adopted for improving and ensuring that livestock food products are safe and healthy for eating. They said that UVAS is providing different testing facilities for meat and other feed analysis, using latest



## US delegation visits UVAS Ravi Campus Pattoki

A delegation from the United States of America (USA) led by Mr Casey E Bean, Agricultural Counselor, US Embassy Islamabad, visited the Ravi Campus of University of Veterinary and Animal Sciences at Pattoki.

Other members of the delegation were Dr Martin Sieber, President/CEO, US Livestock Genetics Export, Inc. USA, and Mr Asmat Raza, Senior Agricultural Specialist, US Embassy.

Pro Vice-Chancellor Prof Dr Masood Rabbani briefed the delegation on UVAS academic, research, training and extension activities/services for the development of livestock, poultry, dairy and related sectors in Pakistan. The delegation members were also shown a documentary showcasing the infrastructure development, education and research activities of the university. Emeritus Prof Dr Nasim Ahmad and Dean Faculty of Animal Production and Technology Prof Dr Anjum Khaliq were also present on the occasion.

The delegation visited different departments at A-Block, including Milk Plant, clinics, Vaccine Production Unit, library and Central Laboratory Complex



(CLC), where they were briefed on the functioning, researches, food & feed analysis and services for poultry, dairy and feed industries. The delegation members also planted saplings in front of Prof Akram Complex. Later they visited the Dairy Training and Research Center at B-Block where they took keen interest in Holstein Friesian cows imported from the US for the training of students and professionals.

Mr Casey E Bean appreciated the state-of-the-art labs, clinics, cattle farms and other facilities. He said that Pakistan is

protein-providing nation and emphasized on the use of latest technology for enhancing agricultural yield and genetics improvement for increase in livestock productivity.

Mr Casey Bean also assured the UVAS of help in the process of getting accreditation from the Association of American Veterinary Medical Colleges.

### UVAS, US officials discuss food safety issues



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processing and packaging technologies such as vacuum packing and modified atmospheric packing to keep meat fresh and tasteful for a longer time. The university is also offering various degree and training programmes on food safety, feedlot fattening, value chain, proper food processing, etc.

The US delegation also visited the Department of Meat Science and Technology, where they saw slaughtering facilities, electric stimulation, meat preserving, chilling and packaging systems, etc. Mr Casey Bean appreciated the facilities available at the Department of Meat Science and Technology. He remarked that if good food safety system is in place, we can sell and even export our products easily.





## Vice-Chancellor Prof Pasha visits Italy, discusses scientific cooperation with Italian experts for safe milk production

University of Veterinary and Animal Sciences Lahore Vice-Chancellor Prof Dr Talat Naseer Pasha paid a weeklong visit to Italy as part of a study tour of a Pakistani business delegation about livestock and dairy sector to seek international scientific and technological cooperation for production of antibiotic-free safe milk in the country.

The study tour was arranged by the United Nations Industrial Development Organization (UNIDO) and OZOLEA Rete Agricola, Italy. The tour comprised of business meetings, a seminar, visits to companies and farms and other allied networking initiatives in cities of Milan, Brescia, Cremona, Turin, Cuneo and Rome.

The Vice-Chancellor and other tour participants exchanged views and experiences on livestock and dairy industry aimed at development of skills and know-how in Pakistan's milk processing. They discussed solutions on how to improve farm management and add value to dairy products in Pakistan in particular for antibiotic use reduction, milk biosafety and state-of-the-art control on spreading of antibiotic resistance.

The visit provided an opportunity to the delegates to strengthen and/or create new business networks between Italian and Pakistani stakeholders involved in



dairy and livestock industry. The Vice-Chancellor also delivered a talk on 'livestock sector of Pakistan' at a

seminar titled "Livestock and Dairy Sector of Pakistan" at the Pakistan Embassy in Rome.

## HEC approves Livestock Associate Degree

The Higher Education Commission Islamabad has approved the Livestock Associate Degree (LAD) initiated by the Institute of Continuing Education and Extension, University of Veterinary & Animal Sciences at Ravi Campus Pattoki. The Deputy Director (Academics Division), HEC, issued no objection

certificate to the UVAS. The Associate Degree is a two years programme started at ICE&E Ravi Campus, College of Veterinary and Animal Sciences Jhang, Khan Bahadur Ch Mushtaq Ahmed College of Veterinary & Animal Sciences Narowal and Paraveterinary Institute Karor Lal Eason, Layyah.

## Training workshop on cheese production at UVAS Ravi Campus

The Department of Dairy Technology in collaboration with the Export Facilitation Center for Livestock and Poultry, UVAS, organised a two days training workshop on cheese production at UVAS Dairy Plant, Ravi Campus, Pattoki.

Mr David M.G. Mitchell from the United Kingdom was the resource person. Mr. David provided hands-on training on mozzarella, cream and cheddar cheeses. Dairy professionals involved in cheese making from 10 different dairy industries participated in the training.

Pro Vice-Chancellor Prof Dr Masood Rabbani chaired the concluding session of the training workshop. He accompanied by Dean FAP&T Prof Dr Anjum Khalique distributed certificates



among the participants and the resource person. Speaking on the occasion, Prof Dr Masood Rabbani stressed on value addition which will increase profitability.

He said such training programmes provide an opportunity to professionals to share knowledge, skills and experiences.



## Pictorial coverage of UVAS activities



*The Vice-Chancellor addresses an international seminar on Flow Cytometry and its Applications.*



*The Vice-Chancellor chairs a meeting of Finance & Planning Committee.*



*The Pro Vice-Chancellor in a meeting with a Chinese delegation at the City Campus.*



*The participants of a workshop on Patent Drafting in a group photo at the City Campus.*



*A delegation from the US Embassy Islamabad in a group photo with Pro Vice-Chancellor Prof Dr Masood Rabbani and faculty members working on food safety.*



## Pictorial coverage of UVAS activities



*A USDA delegation visits a clinic at UVAS Ravi Campus.*



*The Vice-Chancellor receives a shield after delivering a talk at the Dawn Pakistan Food and Agri Expo.*



*The Vice-Chancellor gives away a prize to the students who won UVAS Hostels Cleanliness Competition at City Campus.*



*A USDA delegation visits a milking parlour of UVAS at B-Block, Ravi Campus, Pattoki.*



*The Pro Vice-Chancellor gives away certificates to a training workshop participants.*

### Award of M.Phil Degrees during June 2019

Name of Student	Department	Supervisor	Title of Thesis
Muhammad Zeeshan Zafar	Microbiology	Prof. Dr. Aamir Ghafoor	Determination of Comparative Efficacy of Hydrogen Peroxide Based Disinfectants and Their Effect on Farm Animal's Health
Muhammad Faheem	Pathology	Dr. Gulbeena Saleem	A Study on Inhibitory Effects of Guava Leaves Extract in Broiler Chickens Experimentally Challenged with <i>Salmonella Gallinarum</i>
Saba Usman	Pathology	Prof. Dr. Asim Aslam	Isolation of <i>Escherichia Coli</i> from Unhatched Eggs in Relation to Their Pathological Findings
Sitwat Tahira	Pathology	Dr. Gulbeena Saleem	Study on the Inhibitory Effects of Banana Peel Extract in Broiler Chickens Experimentally Challenged with <i>Salmonella Gallinarum</i>
Sakandar Khan	Parasitology	Dr. Haroon Akbar	Optimization of <i>In-Vitro</i> Cultivation of Bovine Lymphocytes
Muhammad Umair Aziz	Clinical Medicine	Dr. Muhammad Ijaz	Sero-Prevalence, Chemotherapy and Risk Factors Associated with Leptospirosis in Goats
Abdul Mateen	Veterinary Surgery	Prof. Dr. Muhammad Arif Khan	Comparative Efficacy of Z and H Plasty for Treatment of Superficial and Deep Transverse Cut on Lateral Aspect of Thigh in Equines
Abid Shahzad Aslam	Business Management	Dr. Tahir Mahmood	An Impact of Financial Sector Development, Trade Openness and Institutional Quality on Economic Growth: a Comparative Analysis of Selected Developing Economies of Asia

### Award of PhD Degrees during June 2019

Mahboob Ahmad Butt	Livestock Management	Dr. Muhammad Qamer Shahid	Evaluation of Heat Stress Management Strategies for Holstein Friesian Bulls Under Subtropical Conditions
Muhammad Tahir Khan	Poultry Production	Dr. Shahid Mehmood	Preparation and Nutritional Evaluation of Poultry Farm Litter and Dead Birds Compost for Use in Poultry Feed
Muhammad Zain Saleem	Pathology	Dr. Raheela Akhtar	Role of Ticks in Transmission of Brucellosis and Skin/Hide Damage in Small and Large Ruminants



## Cancer awareness seminar at CVAS Jhang



The Section of Epidemiology and Public Health and Character Building Society of College of Veterinary and Animal Sciences Jhang arranged a cancer awareness seminar. Dr Aftab Ahmad, President National Academy of Young Scientists (NAYS), was guest speaker. He stressed on risk factors leading to cancer particularly breast cancer in humans. He linked his arguments with current research work conducted in different universities around the world. He also explained how animal disease modelling is being used due to ethical considerations. Principal Prof. Dr Abdul Shakoor presented vote of thanks.

## Dr Saima wins research project

Dr Saima Inayat, Chairperson Department of Dairy Technology, University of Veterinary & Animal Sciences, Lahore has won a project entitled "Enhancing



nutritive value of camel milk by introducing camel milk cheese sweets & dried cheese powder and hands-on training of female farmers as master trainers in low income areas of Bahawalpur (Punjab)". The project is funded by USAID under Agricultural Innovation Program (AIP), CIMMYT.

## Dr Ilyas completes US Future Fellowship

Dr Muhammad Ilyas Riaz, lecturer in Department of Microbiology, U V A S , has completed Health Security Partners (USA) Future Fellowship at the United States.



During the course of yearlong fellowship, Mr Ilyas developed expertise on Science Diplomacy, Sustainable Development, Food Security, One Health Model, Bioterrorism, Biowarfare, Antimicrobial Resistance, Dual Use Research of Concern, Water Security, Planetary Health and Framework for International Health Security.

## UVAS shooting teams win medals

UVAS male shooting team participated in Intersarsity Shooting Championship at Gun & Country Club Islamabad and won 10 medals. The UVAS female shooting team also participated in the Intersarsity Shooting Championship and got nine medals.

## Workshop on use of disease mapping software



A hands-on-training workshop titled "Use of Quantum geographic information system software for disease mapping" was organised by Epidemiology and Public Health Section of College of Veterinary and Animal Sciences Jhang in collaboration with Dept of EPH, CUVAS, Bahawalpur. Postgraduate students from UVAS Lahore, University of Agriculture Faisalabad, CVAS Jhang,

Bio statisticians, TB and Aids Control Program coordinators from the DHQ Hospital, Jhang, faculty from Army Veterinary College Sargodha, Research Center for the Conservation of Indigenous Breeds (RCCIB) Jhang, VOs from L& DD Dept, Bovine Disease Surveillance experts from Engro Foods and human health physicians participated in the training programme.

Dr. Nadia Shoib from the DHQ Hospital Jhang delivered a talk on TB control program in Punjab. CVAS former Principal Prof. Dr. Ashiq Hussain Cheema was chief guest of the event. Dr Tariq Abbas, Associate Professor, and Miss Fakhra Sarwar, lecturer EPH, CUVAS were resource persons. Principal Prof. Dr. Abdul Shakoor distributed certificates.

## Training on production of FMD vaccine

The Center for Biologics Production, Ravi Campus, Pattoki, of the University of Veterinary and Animal Sciences Lahore arranged a five days national training workshop on “Production of Foot and Mouth Disease Virus Vaccine Using Cell Suspension Culture System”.

Vice-Chancellor Prof Dr Talat Naseer Pasha chaired the concluding session of the workshop and gave away certificates to the participants and resource persons. Prof Dr Khushi Muhammad, Associate Professor Dr Ali Raza Awan and participants from different provinces of Pakistan were also present.

Speaking on the occasion, Prof Pasha said that such workshops are necessary for networking with renowned experts and sharing innovative knowledge with each other. He said that FMD is a deadly disease which causes loss to the national economy. He said that it is our responsibility to adopt the latest international methods and technology



for the development of FMD vaccine cell suspension culture system to curb this deadly disease.

The aim of the workshop was to train local staff of the project in FMD vaccine production by using suspension culture system. Participants were trained on documentation, suspension cell culture system, virus culture, biological titration

of FMD virus, inactivation, sterility/safety tests and formulation of vaccine, etc.

### 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 trains female camel farmers in Bahawalpur



The Department of Dairy Technology, University of Veterinary & Animal Sciences, Lahore has conducted two trainings on “Value addition to camel milk” for female camel farmers in Bahawalpur region in May and June 2019. The trainings were organised under a USAID-funded

project entitled “Enhancing nutritive value of camel milk by introducing camel milk cheese, sweets and dried cheese powder and hands-on training of female farmers as master trainers in low income areas of Bahawalpur (Punjab)”.

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