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CAMEL AND THE CAP

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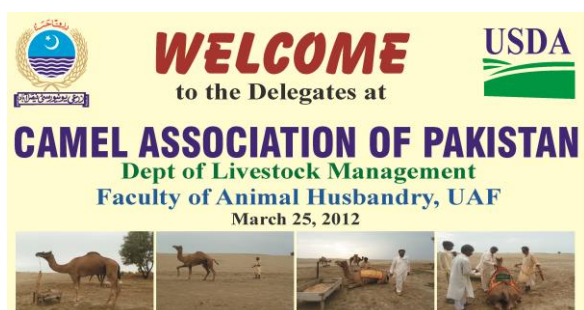
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BACKGROUND INFORMATION

A workshop under the title of “**Camel Production, Management, its Review and Future Plans for R&D**” was organized on **March 25, 2012 (Sun)** in the Dept of Livestock Management, Faculty of Animal Husbandry (FAH) at the University of Agriculture, Faisalabad (UAF), Pakistan. This workshop was attended by a galaxy of scientists from all over the country, Camel farmers and breeders, members of the Faculties of Animal Husbandry and Veterinary Science, camel scientists and postgraduate students.

The Dean Faculty of Animal Husbandry, Prof Dr Muhammad Sarwar, Dr Muhammad Ashraf Iqbal Mughal (DLF, Lahore), Prof Dr Bakht Baidar Khan (UAF), Dr Muhammad Rafique (PARC, Islamabad), Prof Dr Anas Sarwar Qureshi and Prof Dr Ghulam Muhammad (UAF), Dr Abdul Rehman Naveed (PRO, L&DD Dept, Quetta) and Prof DDr Jaimal Dhanani (CEO, LDDDB, Islamabad) were among the prominent guests.



Some delegates at first ever meeting of the Camel Association of Pakistan (CAP), at UAF

Prof Dr Muhammad Younas welcomed the guests on behalf of his Dept, the Faculty and himself. He presented a detailed account of the background, purpose, function and objectives of this workshop. Dr Abdul Raziq presented his welcome remarks and an overall picture, national importance, role in pastoral life, status of the camel pastoralists of Cholistan and Balochistan and its future in milk and meat industry of Pakistan. He emphasized that the camel wealth of Pakistan is very precious and has given a base to the camel industries of many countries in the

region. It's HIGH TIME to put our efforts together for the conservation of this national asset, a gift of God and exploit its attributes for the welfare of the people, especially the camel herders and pastoralists. The world has benefitted from our camel; we should also give importance to this specie and increase our efforts in R&D in the days to come. Also highlighted were some of the services and contributions made by Dr Abdul Raziq Kakar regarding the Pakistani Camel. He also introduced some of the international camel researchers, their achievements and impressions about the Pakistani Camel. He presented two new concepts of CAP and introduction to ISOCARD.

1. CAMEL ASSOCIATION OF PAKISTAN (CAP)

Dr Abdul Raziq presented the idea of having a body on Camel and emphasized that we need to have a Camel Association of Pakistan (CAP) to undertake collective efforts for the welfare of camel, its herders and breeders. The idea of CAP was floated by Dr Abdul Raziq in Sep 2008 with Mr Abdul Salam Baloch (Secy L&DD Dept, Govt of Balochistan, Quetta) and Dr Zia ur Rehman Kakar (Quetta) (*Traditional Animal Genetic Resources for Food Security under climate Change influence*) but it was materialized on arrival to Faisalabad when a formal Cabinet was selected through election in March 2012 at UAF.

2. INTRODUCTION TO ISOCARD

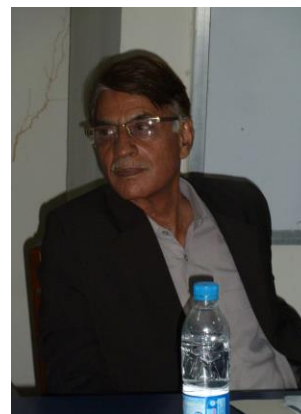
Dr Abdul Raziq also briefed about the ISOCARD (International Society on Camelids Research and Development), its structure, working, its members profile, objectives and holding of different events. By having a specific body or association of camel like CAP, we can hold any International Event on Camel in the forthcoming years and can also invite ISOCARD for holding a major event in Pakistan. Being a pioneer member of the CAP, he threw light on various aspects of CAP, its efforts and the contributions made by its members so far.

2a. Dr M Ashraf Iqbal Mughal (DLF)

Dr Muhammad Ashraf Iqbal Mughal (DLF Punjab, Lahore) concluded the presentation and gave his valuable concluding remarks. He appreciated the efforts done by Dr Abdul Raziq and his team so far on camel and for presenting his work on Pakistani Camel in many parts of the world (~ 40 countries). He also appreciated and suggested of having a body of CAP on country level.

He added that the Dept of L&DD, Punjab will facilitate the CAP in every possible way. He will open all Camel stations for further R&D activities and will welcome the faculty and students undertaking research and extension work on Camel. Dr Mughal further explained about the camel facilities established in 2004-2005 by spending more than **Rs 80 billion** at the Camel Breeding and Research Station

(CBRS), Rakh Mahni, Mankera, Distt. Bhakkar and invited the participants to visit and learn more about camels of Thal desert. Since that time the CBRS has been a major pick for post graduate camel scientists and students from various Campuses.



Consultative workshop of CAP at UAF (March 25, 2012)

3. PRE-CAP ACTIVITIES

3a: Establishment of PACES

Prof Dr Bakht Baidar Khan played the key role as a pioneer in undertaking work on camel in the Dept. On his retirement, young colleagues came forward and continued working in this respect. In Pakistan work on camel and equines was very scanty. Hence, it was felt that a forum must be established to provide a center where scientists working in these fields could exchange their views pertaining to scientific work and to solve the problems of camel and equine industry and to bring it at par with the international level. The Dept of Livestock Management (LM) was the only department that was working and rendering services in animal production, management

and their welfare. This Dept has been offering courses on camel, equine and draught animal power for the last many decades at under- and postgraduate levels and conducting research. This department also produced some standard publications on camel (Production and Management of Camels, Aug 2003, Camel Production, 2006) and Equines (Health and Husbandry of Horses (2005) and Livestock Management Manual=II for Camel and Equine Courses (2006). The Horse Riding School was formally inaugurated on Feb 19, 2002, the Dairy Science Club was established in the Dept. in Sep 2002, while during 2004, we decided to establish a society namely, "**Pakistan Camel and Equine Society (PACES)**" with the following objectives in mind:



Camel used at Proka Farm for teaching classes



Horse Riding Team of UAF

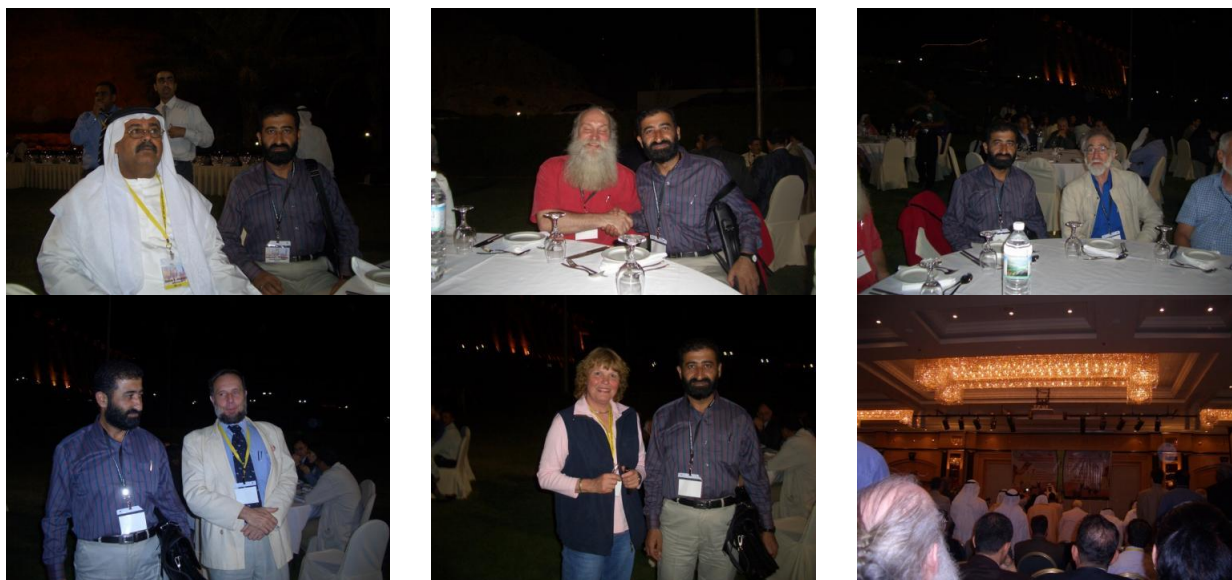
Pakistan is supporting a huge population of about 5.5 millions of camels, donkeys, horses and mules. All these animals are raised primarily for draught and game purposes and playing their roles efficiently but the scientific attention and consideration that they should receive was always missing. Their contribution to national economy as sources of renewable energy supply (Draught Power) is no less than the other animals serving the mankind. Camel apart from supplying draught power is also contributing food items such as milk, meat and valuable byproducts. But so far genetic potential of camel has not been fully exploited to use it as dairy/or beef animal. The same is true for other draft animals.

In spite of their significant share in domestic economy, they are ranked at the bottom when talking scientifically. The important roles of the camels and equines have been established in global scenario and a lot of research work has been done at different international institutes. The PACES was founded (2004) with the objectives (in ensuing lines). Very few activities were done under the PACES, however, a function was hosted in the honor of **Prof Dr H.J. Schwartz** in the Dept (Jan 19, 2004) with the help and courtesy of **Dr Anas Sarwar Qureshi**. During the meeting we were able to refine our objectives with the help of world renowned, German Scientist and a legend camel expert. Later our honorable colleague, Syed Hassan Raza (Dept of LM) took the responsibility to make this society more active and vibrant.

- To promote research activities on different aspects of production, management and welfare of camel and equines.
- To promote collaboration between different research institutes/organizations/societies and groups working in the similar disciplines.
- To generate baseline data about camel/equine production at national level and disseminate information to researchers, teachers, students and others.
- To prepare short courses on camel and equine production, management and welfare.
- To arrange conferences, seminars, workshops to produce scientific culture at national and international levels.

3b: ISOCARD at Rotana, Al-Ain, UAE

Since Dr Abdul Raziq fell in love with camel, he started his doctoral research in Balochistan (2006-2008). Just after collecting the data its analyses were started and we came up with very valuable research papers. Two Abstracts were submitted for this first conference of **ISOCARD held on April 15-17, 2006 at Rotana Hotel, Al Ain UAE**. Two abstracts were submitted there, only Dr Abdul Raziq could participate in this conference from UAF Pakistan. He did so well that he became the talk of the town and was also encouraged to participate in newly proposed cabinet of the ISOCARD. Here Dr Raziq was selected as PRO in the first ever body of the ISOCARD. Probably this was the first ladder which encouraged him to ascend further steps and made next destinations possible. He met all famous camel scientists from all parts of the globe.



Dr Abdul Raziq at first ever meeting (2006) of ISOCARD at Rotana, Al-Ain, UAE.

3c: International Camel Conf at Bikaner, India

In early part of the next year, two paper abstracts were submitted for **International Camel Conference** at College of Veterinary and Animal Sciences, Rajasthan Agric University (RAU), Bikaner, Rajasthan in **Feb 16-**

17, 2007. Both abstracts were accepted. Dr Muhammad Younas and Abdul Raziq got prepared and tried to proceed for visa formalities under very difficult situation prevailing at that time to present the papers viz; (i) socioeconomic values of camel and (ii) salt feeding strategy in Balochistan, at the Conf. This event provided a chance to meet so many camel researchers and scientists from India, Middle East especially UAE, African countries, Israel and the western World.



Internat. Camel Conf (2007) at Bikaner, Rajasthan, India

3d: SMEDA feasibilities on Camel Farming

The SMEDA (Small and Medium Enterprise Development Agency) came into being in 1998. Our Dept and colleagues have been engaged in preparing feasibility reports for dairy (cow/buffalo), small ruminants and camel farming, when the banks were extending soft loans during 80s. Our group helped the farmers in getting right information for initiating such enterprises and later to SMEDA to finalize draft feasibility (40 camels) and uploading on its website (*PREF-117/August 2012*). Since then all type of consultations to the interested camel herders and Rohi people are being provided by our Dept Livestock Management and other Faculty, also listed on contact details of the SMEDA.

4. WORKSHOP ON CAMEL BY MLDD, ISLAMABAD

An Inception Workshop on Camel by Ministry of Livestock and Dairy Development (MLDD), Islamabad was organized on **Feb 20, 2010**. Dr Khurshid Ahmad, Animal Husbandry Commissioner, Islamabad was the convener. **Dr Arshad Iqbal and Dr Muhammad Younas** participated in this workshop and presented our findings of PhD dissertation of Dr Arshad Iqbal submitted to the Dept of Livestock Management, UAF. The second presentation made by Dr Younas and Dr Arshad Iqbal was on behalf of **Dr Muhammad Ashraf** from CBRS, Rakh Mahni, Distt Bhakkar on “Up-gradation plan for Camel Breeding Farm, Research Station (CBRS) and Extension Network in the Punjab”, presented at this Inception Workshop. **Dr Abdul Raziq** was also there and representing L&DD Dept Quetta, Balochistan presented his paper on “Camel an all-purpose machine” where he highlighted the camel population, in Pakistan and other parts of

the globe, some important breeds, special traits, milk production, milk products, ability to survive in droughts and its role in Gulf countries.

5. TRAINING ON CAMEL PRODUCTION AND MANAGEMENT

An outreach activity of three days regarding the training of Camel Production and Management for Camel Herders at Camel Breeding and Research Station (CBRS), Rakh Mahni Farm, Mankera, Distt Bhakkar was organized by the Dept of Livestock Management, UAF from **Sep 13-15, 2011**. Dr Muhammad Younas and Dr Arshad Iqbal were the focal persons. About 30 farmers were present who attended two day-long sessions, each day on different topics like camel nature and its manufacture, how they are made, management, feeding, grazing behavior, reproduction, wool shearing and its management, and health prophylaxis, etc. Farmers were given lectures, on-hand training, visit to the farm and camel training in the field. Hand flyers were also distributed. The help of Dr Muhammad Ashraf (Superintendent, CBRS) and his field staff was also at hand when needed.





Various events at CBRs, Rakh Mahni, Bhakkar

6. MISCELLANEOUS EVENTS ATTENDED BY OUR GROUP

Although there is a long list of activities done or participated on Camel by our CAP members, that shows the interest and enthusiasm towards Camel and its research, some of the events are summarized below as reference:

1998	<ul style="list-style-type: none"> The International Meeting on Camel Production and Future, UAE University, Al-Ain, May 2-3, 1998 was attended by Prof Dr Anas S Qureshi.
1999	<ul style="list-style-type: none"> ARTA International Award (USA) in recognition to contribution in camel research (1999) was given to Dr Arshad Iqbal.
1999	<ul style="list-style-type: none"> International Workshop on the Young Camel."Palais des congress, held at Ourzazate (Morocco) on Oct 24-26, 1999 was attended by Dr Arshad Iqbal.
2000	<ul style="list-style-type: none"> International workshop on camel research and development-formulating agenda for next decade at Wad-Medani, Gezira State, Sudan held Dec 9-12, 2000 was attended by Dr Anas S Qureshi and Dr Arshad Iqbal.
2002	<ul style="list-style-type: none"> International Camel Workshops, in Morocco (Dec 2002) was attended by Dr Arshad Iqbal and Dr Abdul Raziq.
2006	<ul style="list-style-type: none"> First Conference of the ISOCARD held at Rotana Hotel, Al Ain, UAE on April 15-17, 2006 was attended by Dr Abdul Raziq.
2007	<ul style="list-style-type: none"> International Camel Conf at College of Veterinary Sciences, University of Rajasthan, Bikaner, India held on Feb 16-17, 2007. Dr M Younas and A Raziq participated in this.
2009	<ul style="list-style-type: none"> 2nd Conference of the ISOCARD, organized by IRA, OEP and IRESA at Djerba, Tunisia on March 12-14, 2009 was attended by Dr Abdul Raziq.
2010	<ul style="list-style-type: none"> International Camel Symposium under the heading of Linking Camel Science and Development for Sustainable Livelihoods” from June 7-10, 2010 in Garissa, Kenya, Dr Raziq participated.
2010	<ul style="list-style-type: none"> Camels in Asia and North Africa (interdisciplinary workshop on their significance in past and present) by Austrian Academy of Sciences Vienna, attended by Dr Abdul Raziq.
2011	<ul style="list-style-type: none"> SOAS Camel Conference, London, UK, May 23-25, 2011 by Dr Abdul Raziq thru Skype presentation of Mangrota Camel Fair: a major socio-economic and cultural event in Pakistan. http://www.soas.ac.uk/camelconference
2012	<ul style="list-style-type: none"> 3rd ISOCARD International Conf., Muscat, Sultanate of Oman held on Jan 29–Feb 1, 2012 was also attended by some colleagues.
2012	<ul style="list-style-type: none"> First National Congress on Camel at Razi Vaccine and Serum Institute, Mashhad, Iran on April 18-19, 2012. Five people (Dr M Younas, Dr A Raziq from UAF, Dr Zia ur Rehman Kakar from Quetta and Two progressive farmers

	Mr Mumtaz K Manais and Mr Yar Muhammad, attended this event).
2015	<ul style="list-style-type: none"> • SOAS Camel Conference, London, UK, May 9-10, 2015 by Dr Abdul Raziq thru Skype presentation.

7. FIRST CABINET OF THE CAP

As discussed above, the idea of CAP was conceptualized by Dr A Raziq in 2008-2009 to make people aware about the importance of camel as a food security agent in climate change scenario (<http://camel4all.info/index.php/2020/06/21/day/why-a-world-camel-day-on-22-june/> and <http://Traditional Animal Genetic Resources for Food Security under climate Change influence>). The inauguration of a formal cabinet of the Camel Association of Pakistan (CAP) took place in this meeting. A resolution was moved in the meeting to discuss and to have a body of CAP to look after the various camel related activities in the country and it was decided to elect a first ever body of the CAP on this day **March 25, 2012**. This first Election was held under the Chairmanship of **Dr Muhammad Ashraf Iqbal Mughal (DLF, Lahore)** and an Executive Council (2012-2015) of the CAP was elected by following a democratic procedure.

Cabinet Members (2012-2015) (March 25, 2012)

Dr Bakht Baidar Khan, LM, UAF
 Dr Muhammad Younas, LM, UAF
 Dr M Ashraf Shahid, Rakh Mahni
 Dr Abdul Raziq Kakar, Quetta
 Dr Muhammad Lateef, LM, UAF
 Dr Abdul Rehman Naveed, Quetta
 Dr Muhammad Rafique Shahid, PARC
 Mr Mahmood Zia, LM, UAF
 Mr Sohrab Khan Buzdar, Quetta

Offices

Patron
 President
 V President
 General Secretary
 Treasurer
 PRO
 Scientific Officer
 Students Nominee
 Farmer's Representative



Some sub-committees on different chores like Constitution Committee, three (3) working groups viz; W-1. Marketing, Policy Making/Business Concerns, W-2. Production, Management, Breeding and Nutrition Group, W-3. Health and Disease Surveillance Group and W-4 Webpage Development Group, were selected. Some regional members were also elected/nominated to carry out different CAP functions. Other programs and plans under CAP were also announced. Reports of these committees were made due at the eve of WCD June 22, 2012 at UAF. The CAP logo was redesigned and CAP's mission, vision and the objectives were designed as follow:

8. CAP VISION AND MISSION

VISION

MISSION

CAMEL ASSOCIATION OF PAKISTAN (CAP) HAS A VISION TO TAKE CARE OF CAMELS, THEIR PRODUCTION AND HEALTH, UNDERTAKE RESEARCH ACTIVITIES THROUGH PROTECTING THE RIGHTS AND BENEFITS OF CAMEL HERDERS IN THE COUNTRY.



TO EXPLOIT THE POTENTIALS OF PAKISTANI CAMEL AND TO TAKE IT TO NEW HEIGHTS ON THE GLOBE THROUGH HARD WORK, R&D AND EXTENSION ACTIVITIES IN THE COUNTRY

9. CAP OBJECTIVES WERE OUTLINED AS FOLLOW

- *To substantiate the benefits derived from the camel as a specie and the camel herders as custodians of camel in the country.*
- *Attract national attention, scientists, breeders, professionals and international community to strengthen R&D on camel.*
- *Explore our local animals, undertake research & extension activities, exploit the potentials of local camels and organize International events for collaborative endeavors.*
- *Conserve camels of the country through herders' empowerment, preservation of camel culture, habitats, community mobilization and policy formulation.*
- *Promotion of research on camel production, health and bring out scientific publications.*
- *To liaise the exchange of information on camel between the countrymen, institutes, organizations, NGOs and the international network.*
- *Promote camel dairying and beef culture in the country to help the poor to secure their food for a better health.*

10. DIRECTORY OF CAMEL SCIENTISTS OF PAKISTAN

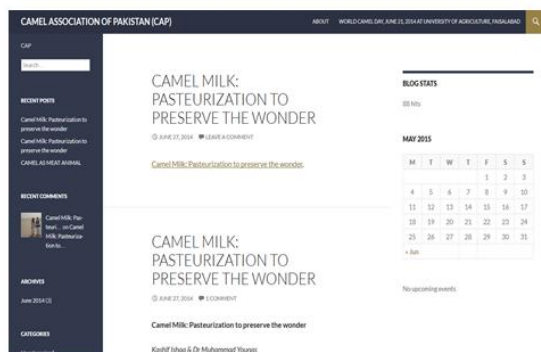
This workshop was well represented from all over the country. Participants of this workshop were documented and a list of paid members was prepared for better communication, a strong linkage and on loading on the website. Non paid members were also acknowledged as they are our reliable, respectable and potential members of the future. Many times we started membership drive for the CAP but people always relied on advices and procrastinated promises.

11. WEBSITE OF THE CAP

The need of a CAP website was obvious. Dr Kashif Ishaq (2012), the then my PhD student, offered his services to create and build a website for the CAP. It was designed and prepared by him and since then he is maintaining the CAP website <https://cappak.wordpress.com>, and is off and on loading the relevant material for its readers. We are trying to maintain and keep it up-to-date with the activities of CAP, its members and other relevant material and proceedings/papers/books on camel for researchers. Stating from our booklet containing the proceedings of workshop “**Camel Production, Management: its Review and future Plans for R&D**” (June 22, 2012) till this day we planned to take website towards camelpedia in future (IA). Some friends promised to donate for the website to beef it up and make this website modernize and attractive, we are waiting for their gesture.

Readers are encouraged to visit the website, suggest measures to improve it and send their related materials for uploading.

<https://cappak.wordpress.com/>



www.facebook.com/pages/Camel-Association-of-Pakistan/



12. BIOCULTURAL COMMUNITY PROTOCOL

Just after the WCD 2012, our CAP team under the guidance of Dr Abdul Raziq left for Cholistan desert (**March 28-31, 2012**) to meet the Rohi people and to collect relevant information for developing a Biocultural Community Protocol (BCP) as designed by FAO. Messers **Rao Abdul Qadeer Khan, Muhammad Rafique** and **Haseeb Ahmad** were in field with **Dr A Raziq** while **Dr Muhammad Younas** and **Mr Kashif Ishaq** took the sedentary assignments at office. This was a very large and long tour of the Rohi, meetings with the herders, CDA staff, CIDS staff at IUB and other related players in the field. **Mr Muhammad Ramzan** (MD Cholistan) also participated in the meetings and contributed his share and his staff Dr Ali Raza Abbasi and Dr Muhammad Iqbal, also helped and facilitated our team. The report was compiled by us and it was printed in *Kissan Risala (Rafique et al. 2012, in Kissan Risala May issue pp:33-36)* & in *Veterinary News and Views (Jun Issue, Vol 7(32):pp 5)* and was sent to FAO, Rome. FAO Rome higher ups liked the findings of the report and promised to fund it further on its completion.

BIOCULTURAL COMMUNITY PROTOCOL MEETING AT CHOLISTAN (By CAP on MARCH 28-31, 2012)





Different scenes of BCP event at Bahawalpur (March 28-31, 2012)

13. FIRST NATIONAL CONGRESS ON CAMEL IN MASHED-IRAN

Just after inception of our CAP Cabinet (March 2012), the CAP was invited to attend a **First National Congress on Camel at Razi Vaccine and Serum Institute, Mashhad, Iran on April 18-19, 2012**. Our team members, Prof Dr Muhammad Younas, Dr Abdul Raziq, one student Mr Zia ur Rehman from Quetta and two progressive camel farmers Mr Mumtaz Khan Manais and Mr Ahmad Yar Khan Manais (from Vehari) attended this Camel Congress in Mashhad. This congress gave us a chance to (i) present our papers, (ii) interact with Iranian scientists, (iii) interact with Iranian farmers and camel breeders and (iv) to invite them for our forthcoming WCD (World Camel Day) on **June 22, 2012 at UAF**. The need of having a CAP body in Pakistan was further realized to negotiate with them, have a strong linkage and web connections and to exchange of invitations for camel events.

13a: The CAP Stance during the Congress

The CAP was of the opinion that regional (Pakistan, Iran and Afghanistan) camel community (scientists, breeders and policy makers) can work for joint projects. Camel association can be organized at national levels in each country and can fabricate a regional cooperation for camel development. Camel friends need to work together and share ideas and support each other. The message about the diversity and capacity of the camel can then reach the policy makers. As a first attempt a review committee should come up to review camel production and possibilities for future development is urgent and requires pooling of available data on camel in a systematic and uniform manner. Such committee can work on the compilation of the work done already and can give idea for future research and development on camel.



Camel can be the solution for many difficult questions, i.e. climate change, drought and food security, especially for the region like ours. Pakistan, Iran and Afghanistan are under the severe threat of many challenges like water and feed scarcity, climate calamities, deforestation etc. In such conditions, the importance of well adapted livestock species like camel increases manifold. Unfortunately camel erosion is a challenge in the region. There are many reasons of this decline, all are man-made. Camel is being neglected in research and development sectors of the region and no integrated efforts have been made to address camel issues. The camel conference of Mashhad can be a mile stone for a regional cooperation and development of camel R&D in the region. As a beginning, universities, research institutions and breeders communities can initiate camel cooperation which can be processed at ministries levels in the coming days.

A committee of scientists can be organized here at the end of the conference to make a comprehensive report on the present situation of camel in the region, i.e. population, breeds, trends, communities, utilities etc. and also to review the research work already performed and published. The committee may point out the gaps in the research area and suggest research work to the universities and institutions. The committee can collaborate with the international camelid organization, especially ISOCARD to ease its work and broaden the horizon of camel research and development.

Camel can be a tool to combat desertification and to fight the calamities of climate change. Camel ensures food security in the arid ecosystems of our region. Unfortunately, camel is under threat and is still neglected among the R&D sector of our national governments. A regional cooperation & coordination seems a must under the circumstances. Cooperation among the universities, camel herders, pastoralists and other stakeholders can bring cool breeze in the camel world of the region.

14. WORLD CAMEL DAY (2012)

The idea of World Camel Day (WCD) was also floated by Dr Abdul Raziq on the net during 2009. It was long debated by the camel scientists, researchers, camel breeders and camel lovers from all over the world. Many suggestions and ideas came on the surface and they were supported by many arguments. Firstly it was suggested to have Jun 21 as WCD but due to the **world father day** already fixed for this day, we shifted to next day on Jun 22. Some salient scientists who participated in this debate were Dr Ilse Kohler Rollefson (Germany), Dr R Yagil (Israel) and Dr Abdus Salam Abex (KSA). Our CAP group members, Dr Abdul Salam, Secy Livestock Quetta, Dr Muhammad Younas, Mr Zia Kakar, et al. under the guidance of Dr Abdul Raziq played a leading role in helping and finalizing the

day of June 22 of the year because of the following reasons (Ref: <http://camel4all.info/index.php/2020/06/21/day/why-a-world-camel-day-on-22-june/>).

1. Camel is hardy animal and can survive in the hottest months of the year.
2. Camel is important food security agent in climate change scenario.
3. The June 22 is the longest and hottest day of the year, it shows the endurance of the camel during hard and harsh climates.
4. It is best suited animal to survive and produce under harsh and hard environments of arid regions and desert ecosystems of the globe.

When the celebrations of WCD (June 22) started all over the whole world (<https://arkbiodiv.com/2020/06/20/history-of-world-camel-day-22-june/amp/>), many Arab countries took this day very important for them. The famous newspaper “The National” in UAE placed these celebrations very high and mentioned this day as very important event for their country (<https://www.thenational.ae/lifestyle/travel/world-camel-day-12-bizarre-facts-about-the-uae-s-beloved-beast-1.877476>).

The first WCD was celebrated by Dr Abdul Raziq in Quetta on June 22, 2010. This event was chaired by Dr Zabardast Khan (IUCN, Quetta). The second WCD (June 22, 2011) was celebrated by him as Dean of the Faculty at Lasbela University of Agriculture, Water and Marine Sciences (LUAWMS), Uthal, Balochistan.

WORLD CAMEL DAY

DEPT OF LIVESTOCK & DAIRY
DEVELOPMENT, QUETTA
June 22, 2010



Dr Abdul Raziq Kakar addressing the first ever WCD at Quetta on June 22, 2010.

The third WCD was celebrated on June 22, 2012 at Dept of Livestock Management, Faculty of Animal Husbandry, Univ. of Agri, Faisalabad, Pakistan.



WORLD CAMEL DAY

DEPT OF LIVESTOCK MANAGEMENT
FACULTY OF ANIMAL HUSBANDRY,
UAF

June 22, 2012





Vice Chancellor presiding over the CAP Meeting at the eve of WCD (2012)

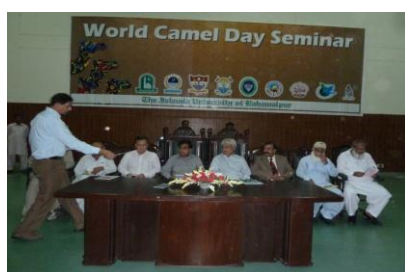
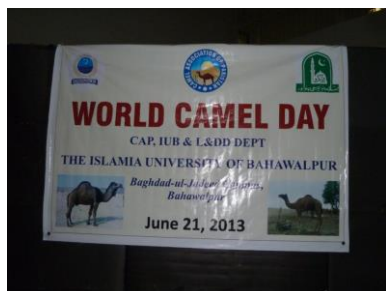
Later on it was realized that we should take the WCD at IUB where the Camel belongs. On our invitation IUB Faculty lead by Prof Dr Tanveer Hussain Turabi and UVAS Faculty lead by Prof Dr Masroor Ellahi Babar, Prof Dr Muhammad Abdullah and Dr Muhammad Khalid Javed showed up on WCD of 2012. After due consultation, it was decided to celebrate next year (WCD-2013) at IUB so that an International Camel Conference of Pakistan (ICCP) in Dec 2013 can also be organized at IUB, Bahawalpur.



WORLD CAMEL DAY

CAP, IUB & L&DD DEPT
THE ISLAMIA UNIVERSITY OF
BAHAWALPUR

Baghdad-ul-Jadeed Campus, Bahawalpur
June 21, 2013



World Camel Day (2013) at IUB

15. WCD IN 2013 AT IUB

WCD was a new event for IUB students and Faculty. The CAP displayed its stall to introduce the public on WCD-2013 its objectives and extended invitation to all for the forthcoming ICCP-2013 at IUB, Bahawalpur. This event opened many new avenues for all faculty, students, staff and everybody participated with full zeal and devotion. Prof Dr Mukhtar Ahmad, the then Vice Chancellor, IUB who took a keen and deep interest in making this event a great success. He ensured the participation of all Faculty and students and to learn about CAP, its activities and the forthcoming International Camel Conference of Pakistan (ICCP) in Dec 2013. The Rangers staff participated with their camels which decorated this day and displayed many camel events like racing, dancing and acrobats, etc.



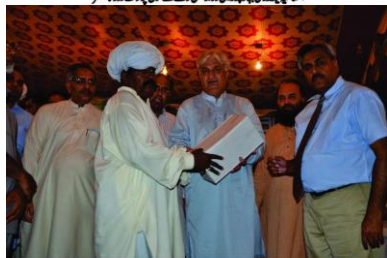
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امامیہ یونیورسٹی ہاہاولپور میں اونٹنوں کی مسابقت کا آغاز



امامیہ یونیورسٹی ہاہاولپور میں اونٹنوں کی مسابقت کا آغاز



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امامیہ یونیورسٹی ہاہاولپور میں اونٹنوں کی مسابقت کا آغاز

Various events of WCD at IUB

16. ICCP AT ISLAMIA UNIVERSITY, BAHAWALPUR (IUB)

The CAP with the help of IUB organized a three day **International Camel Conference of Pakistan (ICCP) on Dec 19-21, 2013**. This event was attended by many scientists and camel researchers, students and faculty of IUB. Some details of this program can be seen on CAP website. The CAP distributed the souvenirs of caps, shirts and CAP booklet to international delegates

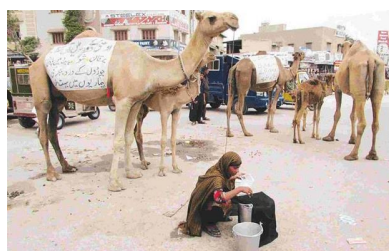




ICCP at IUB, Bahawalpur (Dec 19-21, 2013)

17. CAMEL MILK RECORDING ON NATIONAL LEVEL

Camel milk has never been appreciated, valued and estimated properly (Younas and Iqbal, 2001). Study done in Balochistan (2006-2008) and published (Raziq et al. 2008) revealed that camel milk has never been recorded in the grey record of the country. This study highlighted the worth of potential of camel milk (15-20 lit), lactation length (18 mo), milking pattern, milking behavior especially under stress conditions (during water deprivation) and value of its products (*dahi, youghurt, butter, ghee, lassi, cheese & kurth*, etc.) was able to convince the authorities at L&DD Quetta to record the camel milk on provincial level. The CAP under the guidance of **Dr Abdul Raziq** requested the higher authorities in MINFAL, Livestock Division, Islamabad and convinced them to record camel milk as independent entity on annual basis, which started in 2009 and it's there now in Economic Survey of Pakistan.



18. WCD-2014 at UAF

During 2014, WCD was celebrated at Dept of Livestock Management, Faculty of Animal Husbandry (FAH), UAF. The faculty function was organized on June 21, 2014, it was decorated by camel culture and camel dance followed by **WCD-2014 on next day (June 22, 2014)**. Dr Ilse Kohler-Rollefson was the guest of Honor on this World Camel Day (*Livestock Futures: Ilse K Rollefson about WCD in Pakistan, interesting insights into camel conservation/Animal Cultures, posted by ikrweb on June 25, 2014*). Many papers related with camel production, health and reproduction were read and the event ended up at Camel Biryani and Camel Tea in the Faculty. Prof Dr Zafar Iqbal Qureshi (FVS) and Dr M Nabeel Shahid (CBRS, Rakh Mahni) also made their presentations.



WORLD CAMEL DAY

DEPT OF LIVESTOCK MANAGEMENT
FACULTY OF ANIMAL HUSBANDRY, UAF

June 22, 2014



WCD (2014) at UAF



Events of the WCD 2014 at UAF

19. LAUNCHING OF DAACHI MILK

The CAP launched a milk trade mark with a name of “DAACHI MILK” at the eve of WCD 2014 on June 22. It was inaugurated by **Prof Dr Iqrar Ahmad Khan** (Vice Chancellor, UAF) in the presence of Prof **Dr Ilse Kohler-Rollefson**, who came from India. The milk was liked by many scientists and took the packings as per their requirements. Prof Dr Iqrar A Khan appraised this camel milk trade launching and wished that it continues after this event. He said that camel milk is highly nutritious and contains less fat. He further added that camel will help to

meet the country's milk and meat demands and earn foreign exchange. Dr Ilse narrated that it's good that Pakistan is keeping its population, while the camels in India are at decline (*INP*(<http://lhrtimes.com/author/inp/>).



Launching of DAACHI Milk at the eve of WCD 2014.

20. CAMEL AWARENESS CAMPAIGNS

Camel being a neglected specie and a strange creature of Allah Almighty has always been miss understood and has been an unspoken and tacit animal in our societies other than camel habitats. Its attributes, advantages, usefulness of milk, meat, riding, racing and transport were only known to the dwellers of Thall, Rohi, Thar and province of Balochistan. Celebrations of **World Camel Days (since 2010)**, **Camel Conferences, Seminars, Webinars, Workshops** and other similar related functions/moots have given us a chance and insight to learn more through our teaching, research, experience of touring, celebrations, scientific literature, visits and meeting the Rohi and desert people, *on one hand*, and dissemination of the same knowledge and awareness to public, *on the other*. We have been distributing the literature (English and Urdu), papers and flyers to students, faculty and people who wanted to learn more. This has resulted a great body of knowledge, information, data and acquaintance about the camel. The exploration of its breeds, peculiar body features, its nature, how they are made, nutritional benefits and medicinal values of milk & meat, feeding, browsing behavior and milk & beauty competitions came to limelight that created an interest among students, faculty and researchers. Camel talks & walks, seminars & webinars, workshops & symposia, field days, etc. on this specie brought it from deserts to the part of urban societies making it a strong candidate for food security and of great socioeconomic value under climate change. The CAP has tried to make its appearance, wherever it was needed to contribute its share. Drum beating and praises of camel by our **Team (2006-2021)** and the efforts of the **CAP (2012-2021)** over this period has always been in fore-front in accomplishing this target to make this animal a talk of the town.

21. CAP WAS INVITED BY FAO

After submitting the half-baked Biocultural Community Protocol (Nagoya Protocol) collected and compiled by Dr M Younas, Dr A Raziq and Rao A Q Khan (from March 2012 till October 2014), FAO invited our one of the Rohi Farmers or breeders to attend and present his case in its **Meeting at Rome Italy on Nov 26-**

28, 2014. We unanimously nominated Rao Abdul Qadeer Khan, from Rohi, Bahawalpur to attend this meeting. Rao Qadeer Khan presented his insight on this issue and made a strong case of Rohi dwellers and camel pastoralists under Nagoya Protocol. Working profile of CAP, its activities and Presentation were sent to **Dr Ilse K Rollefson** and **Ms Sabine Poth**, Project Manager LPPC, FAO, Rome Italy under letter No. IDS/2015/366 dated 6/10/2015.



Rao Abdul Qadeer Khan at FAO, Rome representing the CAP (2014).

22. CAMEL WORKSHOP

Due to the reasons that next three (3) WCD will be falling during the holy month of Ramzan ul Mubarik, a workshop was organized in **May 30, 2015** in the Dept of Livestock Management, FAH, UAF with hidden purposes of selecting new Cabinet because of some retirements. This workshop was organized by Prof Dr Muhammad Younas, Director, Institute of Dairy Sciences (IDS) and **Prof Dr Muhammad Sarwar** was the Chief Guest as Dean FAH. After the deliberations of the workshop and presentations in Old Senate Hall, Prof Dr M Sarwar, the then Dean FAH made a move to postpone the election of New Cabinet and asked the present Cabinet to continue for next three years (2015-2018). Some vacant seats were filled by the general consensus in the general body meeting on the same day (May 30, 2015).



CAMEL WORKSHOP

INSTITUTE OF DAIRY SCIENCES
FACULTY OF ANIMAL HUSBANDRY
UAF (May 30, 2015)





Worthy Dean FAH and other guests speaking at the eve of Camel Workshop 2015

Prof Dr Pershotum Khatri (SAU, Tandojam) and **DDr Jaimal Dhanani** (Ex-Vice Chancellor, Univ at Sakrand, Sind) requested the participants and the CAP to help organize an International Camel Conf at SAU, Tandojam in December 2015.

Cabinet Members (2015-2018) (May 30, 2015)		CAMEL ASSOCIATION OF PAKISTAN (CAP) Cabinet 2015-18
Patron:	DDr Jaimal Dhanani, Sindh	<p>A group photo of newly elected cabinet of Camel Association of Pakistan (CAP) for next three years 2015-2018. Prof. Dr. Jaimal Dhanani EX-VIC CHANCELLOR (Patron), Prof. Dr. M. Saewar Dean FAH, Prof. Dr. M. Younas (President), Prof. Dr. Anas Sarwar Qureshi (V-President), Dr. Faranqan Khatri (Rep. Sindh), Dr. Latif (Treasurer) Dr. Ashraf Mughal (Rep. Punjab)</p>
President:	Dr Muhammad Younas	
Vic President:	Dr Anas Sarwar Qureshi	
General Secy:	Dr Asim Faraz	
Joint Secy:	Dr Sohail A Khan, BPur	
Treasurer:	Dr Muhammad Lateef, LM, UAF	
PRO:	Rao Abdul Qadeer Khan	
Punjab:	Dr Nimat ullah, LES Khizerabad	
Student's Rep:	Mr Adnan Khaliq, NIFS&T	
Farmer's Rep:	Syed Noor Zaman, Rakh Mahni	

23. INTERNATIONAL SYMPOSIUM & WORKSHOP AT TANDOJAM

The International Symposium and Workshop on Camel Management and Reproduction (IS&WCMR) was organized at SAU Tandojam on **Dec 21-24, 2015**. The CAP made a substantial contribution to this event and made our presence felt by presenting 10 papers, putting a camel and CAP stall at the occasion. This program can also be seen on CAP website.



UAF delegate at IS&WCMR at Tandojam in Dec 2015

24. THE CAP MEETING WITH DUBAI CELEBRITIES

Through the courtesy of Rao Abdul Qadeer (PRO of the CAP), the CAP President (Dr Muhammad Younas) Vice President (Dr Anas Sarwar Qureshi), student Rep of CAP (Dr Asim Faraz) were invited by the **Dubai Celebrities on Dec 26, 2015 at Karachi**. This meeting took place at Dubai Palace at lunch hours. The Ameer of the party at Dubai Palace, Karachi, **MR SALEM MUBARAK** offered a very fabulous lunch to our group and discussed many concerns on Pakistani Camel, future events/programs of the CAP, and the camel exports to ME.



Meeting with Mr Salem Mubarak at Dubai Palace, Karachi (Dec 26, 2015)

25. MILK PRODUCTION POTENTIAL OF PAKISTANI CAMEL

On our invitation **Dr Ilse Kohler Rollefson** visited Pakistan in **April 16-23, 2016**. She was given a spin to Taxila Museum near Wah Cantt, overnight stay at New City, came to UAF next day and then left for a detailed tour of Camel pastoralists. She was also taken to UAF-Sub Campus TTS because of my posting there at that time. During this visit we visited the camel owners and herds in the vicinity of Dijkot. Faisalabad. Here Dr Ilse interviewed some camel owners (April 18, 2016, Sun with Nasir Baloch and his family), and wanted to see milking camels. Despite she-camels had been milked in the morning, two buckets were filled spontaneously at the spot. That proved that about 15-25 liters of milk can be obtained from one she camel in 2-3 milkings. This milking episode sparked Dr Ilse to write a v-log on her website, http://www.ilse-koehler-rollefson.com/?page_id=30,. The same she reported in a seminar and CAP election meeting during her condolence tour next year on **July 22, 2017** (WCD) at UAF.

Later on we left for Burewala, Peer Mahal and Lodhran before reaching to Bahawalpur. Visit and stay of Cholistan was for three days that covered almost half of the Cholistan by the courtesy of Dr Ali Raza Abbasi and his team at CDA, Bahawalpur ([Also see section 25c](#)).



Dr Ilse K Rollefson confirming the Milk Prod potential of Pakistan Camel (April 18, 2016)

26. VISIT OF INTERNATIONAL DELEGATES TO CHOLISTAN

Many friends and scientists from International Community wanted to see the Pakistani Camel and its potential for milk production. Many visits were conducted by CAP for Cholistan Rohi desert but out of these, three (3) are very important ones, which are mentioned below:

- a. **Sweden Professor:** Our friend from **University of Agricultural Sciences, Uppsala, Sweden** and **Prof of Veterinary Science, Dr Kerstin de Verdier** was in Pakistan on 6th Asian Buffalo Congress (ABC) at UVAS, Lahore (Sep 27-29, 2009). She wished to see the Cholistani camel herds after the Buffalo Congress. Her trip to UAF, to Cholistan desert, CDA concerns and Rohi people and their animals was arranged (Nov 1-6, 2009). Dr M Younas, Dr A Raziq, Dr Arshad Iqbal and Dr Ali Raza Abbasi from CDA were some of the volunteers who spared their time and made their efforts to make this visit a success. Our buddy Mr Mumtaz Khan Manais, a progressive farmer also accompanied us during this trip. During this visit the dancing horses at Haveli Naseer Khan belonging to the family of Mr Zameer Khan Baloch were a new discovery, which provided an immense amusement to our guest. The was an extensive tour to Cholistan Tobas, seeing and interviewing of Rohi herders of cows and camels and concluded by witnessing the Camel Racing and Dancing at moot of **Lata Sanghar (Chak # 148/DB)**, nearby Jugaitpeer, Cholistan.



Dr Kerstin de Verdier at the trip of Cholistan and Lata Sanghar (148 DB)Mela



Racing & dancing camels decorated at 148/DB (Lata Sanghar) Mela.

Another view of racing & dancing camels at 148/DB (Lata Sanghar) Mela

Rao Qadeer with Camel herder (Nasir Baloch)



Mareecha camel at Cholistan



At Mela Lata Sanghar



Brela camel at Cholistan

- b. **German Delegation:** visited the UAF in July-Aug 2010. They were also taken to Cholistan desert to show them around the live and romantic scenes of the desert and its dwellers. Moreover some students from Uni of Kassel, Witzenhausen Campus were there because of their MS/PhD research projects. **Prof Dr Andreas Burkert, Dr Eva Schlecht, Mr Mumtaz Kkan Manais, Dr Muhammad Younas and Rao Abdul Qadeer** were the members. This trip was led by **Prof Dr Iqrar Ahmad Khan** (Vice Chancellor, UAF). Our group stayed in the desert for some nights and enjoyed seeing the desert, animals, tobas, farms and the Rohi life. Most

fascinating parts of this visit were (i) night stay on desert sand and (ii) a brief tea break at a wonderful Whispering Hill Resort at Lal Sohanra Park.



German Delegation to Cholistan visit (2010) under the Leadership of the Vice Chancellor, UAF

- c. ***Biocultural Community Protocol:*** As discussed above, to complete the **Biocultural Community Protocol (BCP)**, a visit was arranged with **Dr Ilse Kohler Rollefson** in **April 16-23, 2016**. She was interested to see the camel milk, camel milking and to meet camel herders and especially the Malgadas of the Rohi for BCP. Our first stop was New City, Wah Cantt, Taxila Museum, then to UAF, Faisalabad. Some of the milking camels belonging to Mr Nasir Baloch and his family were invited to Dijkot area where we passed by them, met them while going to UAF-Sub Campus Toba Tek Singh. Next stay was Burewala, Pir Mahal and Lodhran. Next three days we adopted three Cholistan tours with three routes of community Tobas, (i) Toba Kala Pahar, Toba Jam Sar & GLF Jugaitpeer, (ii) Toba Lakhan, Channan Peer & Fort Drawer and (iii) meeting with MD CDA, CDA Officers and other staff meetings (ilse-koehlerroll@gmail.com).





Dr Ilse K Rollefson visit to Cholistan during April 2016 (part of BCP).

- d. **CBRS Visits:** The **CBRS (Camel Breeding and Research Station), Mankera, Rakh Mahni**, Distt Bhakkar, became our second home when our students started their MS and PhD research. Mr Arshad Iqbal (1994-95) completed his PhD project in 1997-98. Our first outreach session for CBRS started in Sep 2011 (Section 5). Mr Naeem Khan Niazi (2012-2013) and Mr Asim Faraz (2013-2014) worked there for their MS and PhD projects. Dr Muhammad Ashraf and Dr M Shahid Nabeel were posted there during this period. Their kind help and cooperation facilitated our projects, made our jobs easy and straight forward.



Visit to CBRS during student's MS/PhD Research projects

27. RAO QADEER A KHAN SCHOLARSHIP AT UAF

On **March 23, 2017**, **Rao Abdul Qadeer Khan** was heading to Islamabad to celebrate his uncle's Ch Afzaal Hussain (Wah Cantt) first death anniversary. Bad

luck to him that he met an accident at early morning of March 23 near Kamalia and he passed away at the spot. His body was taken to Lahore at his parent's house and was buried at DHA Raya graveyard, Lahore. His contributions for CAP were enormous and for Rohi people he was an angel. Very few people knew his contributions. The FAO staff backed by Dr Ilse Kohler Rollefson, at Rome also felt this pain and to keep his name alive and pay homage to his services to Camel herders, camel breeders, the Rohi people and the CAP itself, floated a scholarship under his name. It was narrated by Dr Ilse during her **Condolence Tour (July 20-25, 2017)**. It was further stated that this scholarship was meant for any student working on any aspect of camel and Rohi pastoralists. The amount of this Scholarship was allocated 1,000 Euro per year for the student at any Agricultural University of the country. This scholarship was announced by FAO and we entered into an agreement with FAO for UAF but unfortunately this could not be materialized due to sad part on some people.



FAO Offering scholarship to UAF in the name of Rao A Q Khan (July 22, 2017)

28. ELECTION MEETING FOR NEW CABINET

It was passing third year that we had our CAP Elections. We properly announced the date and time of the election for third cabinet. We were expecting Dr Ilse Kohler Rollefson on **July 22, 2017** (Sat) as she wanted to join Rao Qadeer's family for a condolence meeting. Soon after the program was confirmed again and informed all members to get ready for CAP Election. Dr Ilse visited the UAF on July 22, 2017, she met the Vice Chancellor to finalize the Rao A Qadeer Khan's Award at Campus and to finalize its modalities. Just after meeting the VC, UAF and some paper work for the initiation of Award at UAF, we joined for the business meeting at FAH. During the presence of Dr Ilse and the then Dean **Prof Dr Muhammad Sajjad Khan**, the short condolence was offered and then new Cabinet of CAP was selected as follow:

Offices	Cabinet Members (2018-2021) (July 22, 2017)
Patron	Dr Muhammad Younas, UAF
President	Dr Muhammad Riaz Virk
V President	Dr Anas Sarwar Qureshi
General Secretary	Dr Asim Faraz
Joint Secretary	Dr Sohail A Khan, BPur

Treasurer	Dr Muhammad Lateef, LM, UAF
Students Nominee	Mr Adnan Khaliq, NIFS&T
Farmer's Representative	Syed Noor Zaman, Rakh Mahni



Pics showing Election Meeting at FAH in the presence of Dr M S Khan and Dr Ilse Rollefson.

After this third election held on **July 22, 2017** at FAH, everybody prayed for the success of the new cabinet. **Prof Dr Muhammad Riaz Virk** was selected as President and **Dr Asim Faraz** was given the responsibility as General Secretary. The necessary files and papers were given to them along with the participants list. Members list and their emails were already in the e-mails of all members. Dr Ilse concluded the meeting with the word of thanks & good wishes to the new cabinet.

29. CAMEL MILK COMPETITIONS

Having framed the rules and regulations for milk competitions at the eve of milk competitions of cows and buffaloes held at Kissan Melas at UAF, the CAP was invited at Government Livestock Farm, Jugaitpeer, Bahawalpur to organize the *Doodh Mela* among the Rohi herders. The first milk competition Mela was won by Rao Qadeer Khan's she camel at that Farm. **Prof Dr Talat Naseer Pasha** (VC-UVAS, Lahore) and **Prof Dr Mukhtar Ahmad** (VC, IUB Bahawalpur) distributed the prizes at Camel ring at Jugaitpeer in 2012.

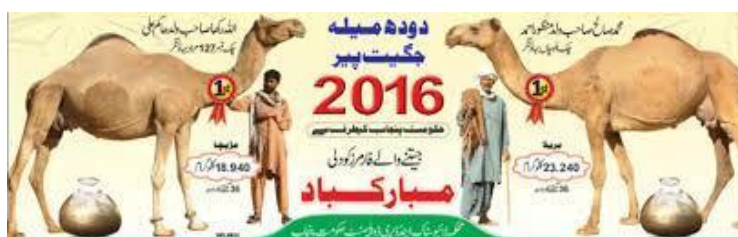
Dr Muhammad Younas (CAP President) alongwith Secretary CAP Dr Asim Faraz (Secretary CAP) attended and helped in organizing the next Camel Milk Completion at GLF Jugaitpeer, Bahawalpur on **April 10-12, 2015**. Dr Munir A Gill (Superintendent Farm) and his team were the organizer and Dr Muhammad Nawaz Saeed (DG, L&DD Dept, Lahore) was the Chief Guest at the occasion.





Camel Milk Competitions (Doodh Mela, 2012-2015) at GLF Jugaitpeer, Bahawalpur

The **Doodh Mela of 2016** was also a great success. Some CAP members participated in this competition. The she camel of Brela breed of Mr Saleh with 21.2 kg was declared at top and she camel of Marecha breed of Allah Rakha with 18.9 kg was the runner up.



Milk competitions (April 8-10, 2016) and Beauty competitions (April 11, 2016) among cows and camels were staged on the roadside Basti Israni nearby GLF, Jugaitpeer Farm on Hasilpur Road, Bahawalpur. A record number of animals participated in these competitions. Prizes were given away by the honorable Minister of Livestock, Punjab at closing ceremony on April 11, 2016.



Beauty Competitions at Israni, Jugaitpeer

The CAP President (Dr M Younas) alongwith **Dr Uzman B Cheema** (CAP member, UAF) attended and helped in organization of the milk competition at GLF Jugaitpeer, Bahawalpur on **March 19-21, 2018**. This was the 5th competition in row and was successfully organized by the CAP with the help of Farm Staff. The convener of the Mela was **Dr Ghulam Muhammad**, DG (Ext) L&DD Dept, with organizer members as Dr Abdul Rehman (DLF), Dr Mansoor Ahmad (Director BI), Dr Rab Nawaz Kausar (Director Livestock Bahawalpur), Dr Riaz Hussain Shah (Superintendent GLF, Jugaitpeer) and Dr Ali Raza Abbasi (Director Livestock Cholistan). The Camel Association of Pakistan (CAP) was the partner organization in this Mela.



Doodh Mela 2018 at GLF Jugaitpeer, Bahawalpur

Results of both milk competitions were announced at the end of the event and prizes were given away. The results of both competitions of 2015 and 2018 are given in the following Table.

Table 1 showing the milk production of Brela and Marecha breeds at Competition in 2015 and 2018.

Position #	Winner of the event	Address of the Winner	Milkings			Total	Hrs
			1st	2 nd	3 rd		
April 10-12, 2015							
Brela Breed							
1	Shahid Khan s/o Shaheen Khan	Chak 127, Murad, B/Nagar	5.570	6.360	---	11.93	24 hrs
2	Muhammad Amin s/o Haq Nawaz	Chak 129, Murad, B/Nagar	6.155	5.610	---	11.76	24 hrs
3	Ata Muhammad s/o M Saeed	Chak 127, Murad B/Nagar	5.440	5.875	---	11.31	24 hrs
Marecha Breed							
1	Muhammad Ali s/o Ghulam M	Toba Qaim Sar, Yazman	4.590	5.000	---	9.59	24 hrs
2	Manzoor Ahmad s/o Waryam	Toba Jam Sar, Fort Abbas	4.625	4.220	---	8.84	24 hrs
3	M Ramzan s/o Hassan Bakhsh	Toba Jam Sar, Yazman	3.920	3.855	---	7.77	24 hrs
March 19-21, 2018							
Brela Breed							
1	M Saleh s/o Manzoor Ahmad	Murli Gargh	6.260	7.306	6.836	20.40	36 hrs

2	Haq Nawaz s/o Allah Ditta	Channan Peer	5.978	6.874	7.090	19.94	36 hrs
3	M Manzoor s/o Allah Ditta	Chak # 80	5.385	5.630	5.626	16.64	36 hrs
Marecha Breed							
1	Haq Nawaz s/o Allah Ditta	Channan Peer	5.930	6.714	7.280	19.92	36 hrs
2	M Saleh s/o Manzoor Ahmad	Murli Gargh	3.750	5.294	4.662	13.71	36 hrs
3	Noor Ahmad s/o Jaggey Khan	128 M Chishtian	3.386	4.792	4.014	12.19	36 hrs

30. INVITATION TO KACF AT KSA

The **King Abdulaziz Camel Forum (KACF)** organized a special event for the directors of camel events and organizational individuals held in **Riyadh, Kingdom of Saudi Arabia (KSA)** in order to present their achievements and experiences. KACF offered this opportunity to provide a new platform for partnership and experience sharing on **January 17-20, 2018 at Riyadh, KSA**. Objectives of this forum were (i) exchange experience and establish partnership, (ii) create a platform for mutual cooperation, (iii) increase awareness of camel events and organizations and (iv) create initiatives of cross participation. The CAP could not materialize this valuable invitation and missed the train.



31. 5th ISOCARD CONF 2018 at LAAYOUNE-MOROCCO

The ISOCARD 5th Conference 2018 was held at Laayoune-Boujdour Sakia El-Hamra, Morocco which was attended by Dr Asim Faraz (General Secretary, CAP). This was organized under high patronage of His majesty the King Mohammed VI from **Nov 11-14, 2018**. Total about 280 scientists presented their work and 170 attended the conf. physically belonging to 35 different countries. Dr Asim Faraz (FVS, BZU, Multan) represented the CAP, and presented his work on “Growth performance, body condition scoring and back fat layer measurement by ultrasonography in camels” which was highly appreciated by the scientists as it was a new technique to measure the back fat layer by ultrasonography especially in the breeding stocks or the stock where one cannot perform slaughtering. Dr Asim was further elected as executive member of the ISOCARD. Other three scientists from Pakistan were **Dr Tanveer Hussain** (VU, Lahore, Punjab), **Dr Illahi Bakhsh Marghazani** (LUAWMS, Lasbela Balochistan) and **Dr Naem Shahwani** (BUIITEMS Quetta).



Pak Delegates lead by Dr Asim Faraz at 5th ISOCARD (2018) meeting at Laayoune, Morocco

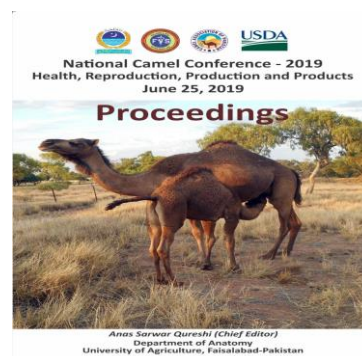
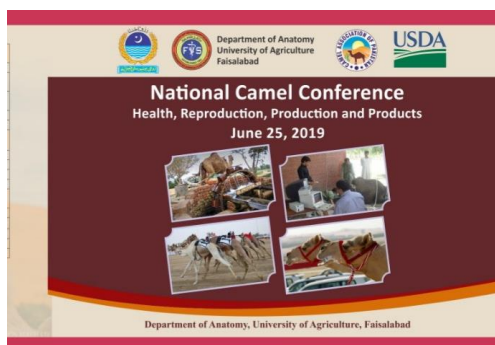
32. INTERNAT. CONF ON FOOD AND NUTRITIONAL SECURITY

The CAP showed its presence by presenting a paper on camel under the topic of “**A Candidate of Food and Nutritional Security in Changing Climate**”. This event entitled as “**4th International Conf on Food and Nutritional Security in Changing Climate** under the auspices of **Institute of Food Science and Nutrition** at Jinnah Auditorium, BZU, Multan on **March 3-4, 2019**. This presentation was made by Dr Asim Faraz (General Secretary, CAP) at his parent University.

33. NATIONAL CAMEL CONFERENCE AT UAF

Prof Dr Anas Srawar Qureshi, Prof of Anatomy and Vice President of the CAP organized a very successful Conf under the name “**National Camel Conference-2019, Health, Reproduction, Production and Products**” at his Dept of **Anatomy, FVS, UAF on June 25, 2019**. This big event on Camel broke a silence of three years at the Campus and this moot was organized and attended by a large number of camel scientists from home and abroad. The detail of the program can be viewed at CAP website. More than 40 papers were presented at the event. Dr Anas Qureshi also published the proceedings of the Conference.





ICCP at UAF organized by Dr Anas S Qureshi (Vice President CAP)

34. INVITATION TO ICO at BISHKEK

The **International Camel Organization (ICO)** was established on **March 22, 2019** in **Riyadh, Kingdom of Saudi Arabia**. This newly established organization came into being within the framework of international project “Nomad Universe” which took place in KSA in March 2019 under annual King Abdul Aziz Camel Festival. The specialized camel organizations from 36 countries took part in constituent assembly of ICO. The main goal of ICO was to promote camel culture and heritage and to develop international relations in the field of culture, science, agriculture and sports.



1st International Camel Conference in Central Asia: “**Historical Heritage and Prospects**” was held on **August 26-30, 2019** in **Bishkek, Kyrgyz Republic** under the patronage of ICO to promote the Camel Culture and Breeding in Central Asia. A total of fourteen (14) countries participated in the conference. The CAP was invited to attend the Conference and present its report. The conference mainly focused on camel culture, heritage, role as ethno-indigenous specie and breeding. The CAP nominated Dr Asim Faraz (Secy General of CAP). He introduced the CAP (as Secretary) and ISOCARD (International Society of Camelids Research and Development) (as Member Executive & PRO of ISOCARD) and presented two reports at the event.



Dr Asim Faraz (Secy CAP) attending the ICO event at Bishkek, Kyrgyz Republic.

35. 7th CHINA CAMEL INDUSTRY DEV CONFERENCE

The General Secretary of the CAP, **Dr Asim Faraz** represented the CAP, ICO, ISOCARD at this event of 7th China Camel Industry Development Conf organized by **Alxa League Govt.** in **Ejina Banner, Inner Mongolia, China** on **Nov 24-26, 2019**. This event dealt the role of Bactrian camel in the socioeconomics of the Chinese people followed by the visit of National Camel Res Center, Ejina Banner. Camel wool crafts, processing industry of camel milk and meat, fermented products, camel milk cosmetics and camel traditions were of major interest (www.camelscience.net). They believe that such activities are keeping the camel population stable in that area.



Dr Asim (Secretary) representing CAP at China (Nov 24-26, 2019)

36. CAMEL MILK PROCESSING

During 2020, the CAP was approached (Apr 13, 2020) by some friends to get technical and social help to initiate a camel milk powder project at Cholistan. **Dr Muhammad Younas** (CAP President) and **Dr Ali Raza Abbasi** (CAP Member at CDA) agreed to guide and help them in this activity. A number of rounds were made to different chilling centers in Cholistan (May 10) and lot of investment was spent (~ Rs 60,000/center) by Dr Ali Raza Abbasi and his staff & renovated about 6 chilling centers in Cholistan (Channan Peer, Lata Sanghar, Jugaitpeer and Marot, etc. etc.) to handle the flow of milk and transport this chilled milk to a designated powder plant. An agreement deed (May 14) & MOU was drafted and signed (May 18, May 20), regarding the details of milk buying/selling rules, chilling cost and milk specifications (May 30) with all nighty gritty worked out. Sadiq Abad, RY Khan herds were visited (June 11), final discussions took place on agreement (June 23, 2020) at Bahawalpur. Camel milk standards and other relevant information were supplied to Madina Merchants (Oct 15, 2020) collected from different plants in operation and literature.

But suddenly the Co went away from our Radar, neither we were contacted again, nor any information was passed on to us. Later on it was learnt that Co is making milk powder and exporting to some countries. Anyway the collection procedures, the quality of milk and powder prepared is not known to us at present. However,

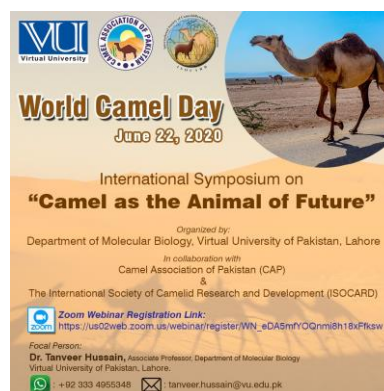
we were happy that due to our efforts this innovation started in Cholistan as for us it was dream come true but as the company slipped away from their deed agreement so its camel milk collection and processing is not known to CAP and its members till this day (Oct 10, 2021).

37. WCD WEBINAR 2020

This was the Covid-19 Year and almost all activities by now were gone online. The Virtual University, Lahore Campus has the excellent facilities of video conferencing and offered to host the webinar at her Campus under joint venture with CAP. So this event was jointly organized by CAP and UV on **June 22, 2020**. Prof **Dr Masroor Ellahi Babar** was the chief and **Dr Tanveer Hussain** the focal person of this event. Later on **Saudi Geographical Society (SGS)** from KSA also joined in sponsorship of this webinar. **Prof Dr Muhammad Riaz Virk** appeared as President and gave his Presidential address and **Dr Muhammad Younas** presented his remarks as Patron of the CAP. Further proceedings of this program can be seen at CAP website.

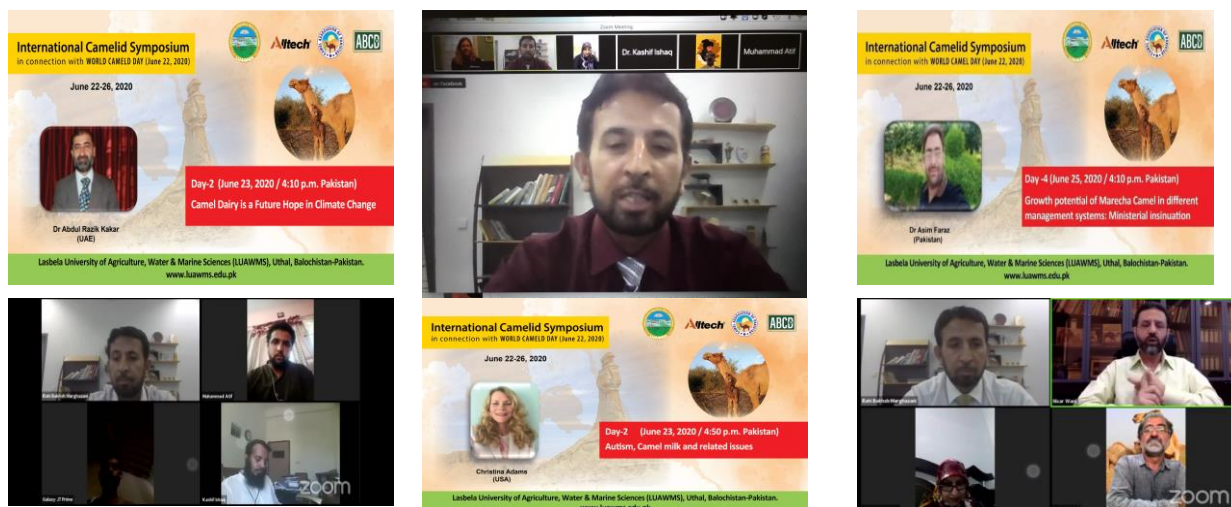


World Camel Day at VU, Lahore (2020)



38. INTERNATIONAL CAMELID SYMPOSIUM AT LUAWMS

The scientists at **Lasbela University of Agriculture, Water and Marine Sciences (LUAWMS)**, Uthal, Balochistan celebrated a Camel Week under the name of **International Camelid Symposium** at their Campus from **June 22-26, 2020**. Prof **Dr Illahi Bakhsh Marghazani** from LUAWMS was the Organizing Secretary under his project ALP-PARC Camel Project (AS010). **Dr Naveed Shahzad Jadoon** from Alltech Pak Pvt Ltd, was the Co-Organizer. This event was handled through Webinar and was attended by many from home and abroad. The scientists from Iran, Kenya, KSA, Sudan, UAE and USA presented their papers. The CAP was represented by Dr Abdul Raziq Kakar (UAE), Dr Asim Faraz (BZU) and Dr Kashia Ishaq (PMAS) and some other members who participated and rather encouraged the Faculty to make this event a big success. Its further detail and Abstract Book can be seen on www.luawms.edu.pk and CAP website (<http://www.cappak.wordpress.com>).

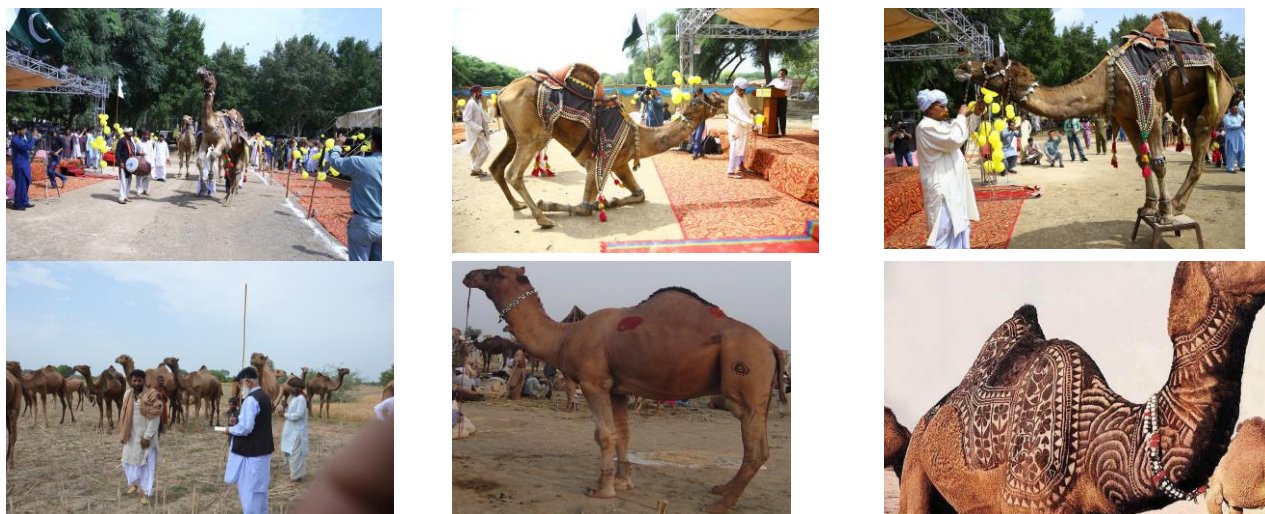


Camel Week at LUAWMS, Uthal, Balochistan (July 22-26, 2020)

39. MOU SIGNED BY CAP WITH PCC AND TSGPA

During December 2020, an MOU was signed by CAP, General Secretary (**Dr Asim Faraz at BZU**) with PCC (Pakistan Camel Club) and TSGPA (Traditional Sports and Games Association (TSGPA) at Multan. The PCC, established in 2019 is promoting and cultivating activities related to Camel and its herders. It is affiliated unit of TSGPA and this MOU will collaborate camel activities and will bring a new life to the activities related to Camel culture and camel ethno games in the country. The camel is part of our traditional culture and three partners; CAP, PCC and TSGPA will collectively promote it.





Pictures showing MOU ceremony, camel culture and games

40. WEBINAR AT VU DURING WCD 2021

Like the previous year, Virtual University (VU), Lahore arranged a Webinar/International Seminar at the eve of **World Camel Day on June 22, 2021 (Tue)**. **Dr Tanveer Hussain, from Dept of Molecular Biology, VU, Lahore** was the focal person. The theme of this Webinar was “Camel as the Best suited Animal under Challenging Climate.” Sponsored were the same as previous year and about 20 speakers from Australia, Austria, Iran, Iraq, ISOCARD, KSA, Tunisia, UAE and Pakistan presented their scientific work on this day long event.

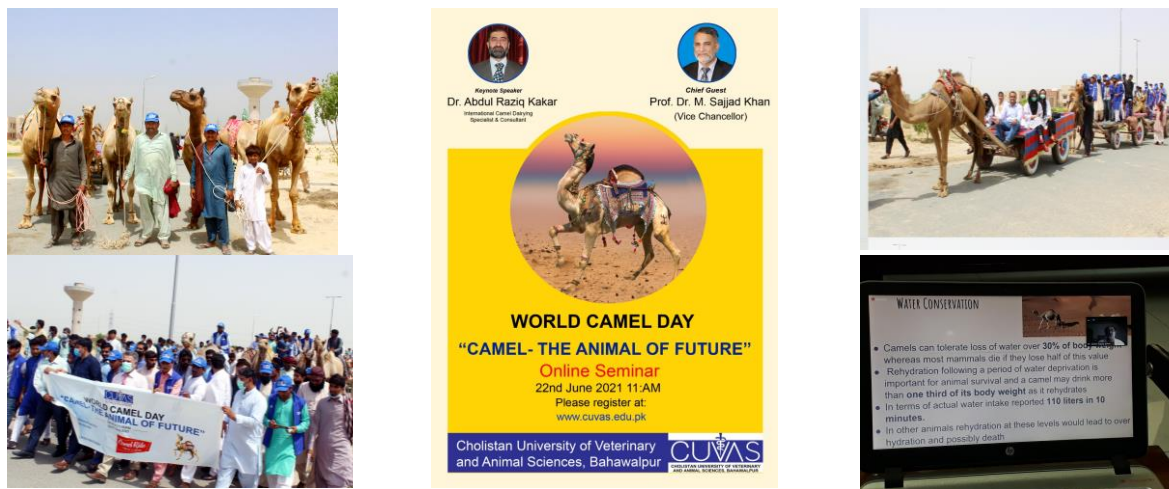


World Camel Day (2021) at VU, Lahore

41. ONLINE SEMINAR

Online Seminar was arranged by **Cholistan Univ. of Veterinary and Animal Sciences (CUVAS), Bahawalpur** at the eve of **World Camel Day on June 22, 2021** at 11 am. Topic of the seminar was “Camel: The Animal of Future,” Dr Abdul Raziq Kakar, International Camel Dairying Specialist and Consultant, and

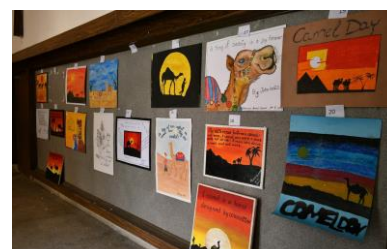
founder member of the CAP was the keynote speaker. **Prof Dr M Sajjad Khan**, Vice Chancellor CUVAS, was the host as well as the Chief Guest of the occasion.



Online World Camel Day Seminar at CUVAS, Bahawalpur

42. CAMEL IN FOOD SECURITY UNDER CLIMATE CHANGE

This recent program was slipped from June 22, 2021 because of rush of the events at all places around WCD. This was an **International Camel Conference (Virtual)** on the topic of **“Role of Camel in Food Security under Climate Change Context”** held on **Sep 30 (9-4 pm) - Oct 1 (8-12 noon), 2021** at Pir Mehr Ali Shah (PMAS), Arid Agriculture University, Rawalpindi (AAUR). The focal person of this conference was **Dr Syeda Maryam Hussain (as Organizing Secy) and Dr Tanveer Ahmad and Dr Kashif Ishaq (Co-Organizers)** at Dept of Livestock Production and Management, PMAS-AAUR. The CAP was the collaborator in this event. Twenty one (21) papers were presented (National 8, International 13) on first day (Sep 30) Webinar, while second day (Oct 1) was the Camel Awareness Day, which included the presentations of **Dr Tanveer Ahmad, Dr Muhammad Younas, Dr Asim Faraz, Dr Kashif Ishaq** and children presentations followed by Camel posters competition. Camel milking was demonstrated to the school kids and University students, camel milk tea was served in refreshment at the end. **Prof Dr Arfan Yousaf**, the Dean FV&AS and **Prof Dr Qamar uz Zaman**, the honorable Vice Chancellor PMAS-AAUR graced the occasion and distributed souvenirs to the guests and certificates to the poster competition winners. For Conference proceedings and photo gallery please visit the CAP website (<https://cappak.wordpress.com>).



World Camel Day Awareness Celebrations at PMAS, AAU, Rawalpindi (2021)

43. FUTURE R&D ON CAMEL

Work done on Camel till 2012 at UAF, was compiled by **Prof Dr Bakht Baidar Khan** and **Prof Dr Muhammad Younas**, to facilitate the students and camel researchers. All these papers, brochures, research articles, information and publications were distributed on all events which took place during these days. It resulted in increasing the interest and enthusiasm on camel research and its related visits to Cholistan, Thal and Farms like CBRS (Camel Breeding and Research Station), Rakh Mahni, Distt Bhakkar. Camel race (later shifted to Jeep Race) started because of our encouragement at the time of **Bgd Ahsan Tiwana**, MD CDA, Bahawalpur (2005-2007). These efforts have resulted in enormous research projects, seminars, conferences, workshops, symposia and even plenty of webinars and have resulted the publication of hundreds of papers, proceedings and books on production and health aspects of the camel. The CAP is trying to load such material on its website for the benefit of the researchers and students and to keep their interest alive.

Through the drum beating and singing songs of the camel by CAP, the Camel has become a known and a friendly figure for many students, scientists and various Universities and Research Institutes. The work started by Dr Arshad Iqbal (Late), picked by Dr Abdul Raziq Kakar (raziq2007@gmail.com, UAE) as part of his faith, his followers like Prof Dr Anas Sarwar Qureshi (anas-sarwar@uaf.edu.pk, UAF), Dr Ghias ud Din (ghias-shah@yahoo.com, SAU), Dr Riaz Hussain (riazpashauaf@hotmail.com, PMAS), Dr Asim Faraz (drasimfaraz@bzu.edu.pk, BZU), Dr Kashif Ishaq (drkashif@uaf.edu.pk, PMAS-AAUR), Dr Uzman Bashir Cheema (uzmancheema@yahoo.com, UAF), Dr Sibtain Ahmad (sibtainhmd6@gmail.com, UAF), Mr Naeem Ullah Khan (gulmeri007@gmail.com, LDDDB), Dr Zia ur Rehman Kakar (ziakakar664@gmail.com, Quetta), Dr Ali Raza Abbasi (ddlcholistan1965@gmail.com, CDA), Dr M Shahid Nabeel (shahidnabeel007@gmail.com, CBRS) and by many others made use of this specie as research subject and published a lot of papers in IF Journals at home and abroad, continues and will remain in progress *in sha Allah* in the days to come for the benefit of the Camel, camel pastoralists and camel herders. Our unconditional supervision and patronage has been and will be available forever.

44. OUR DREAMS

- Our dream was to invite ISOCARD (International Society of Camelid Research and Development) event in Pakistan.
- Prepare the by-Laws of the CAP and its staunch followers.
- Increase membership with strong financial backup.
- Completion of BCP for Malgadas Camel.
- Camel Racing and Camel Polo in the Country.
- Packing and distribution of DAACHI MILK at country level. However, Camel Whole Milk Powder (with 25 kg pack) is expected to start with our efforts by Madina Merchants SMC Pvt, Ltd. at Bahawalpur in near soon.
- A model rangeland sanctuary for camels in Cholistan and Thal.
- A modern Camel dairy and processing Unit at Cholistan.

45. EPILOGUE

These are some of the events and programs which CAP has done, materialized, hosted or facilitated with less manpower and almost very less finances during the past ~15 years (2006-2021). We could have done some wonders (even miracles), had the people given their time and sacrificed some finances for the cause of the Camel and the CAP. May Allah bless Camel and its keepers, all over the world.

46. ALL'S WELL THAT ENDS WELL

Whatever has been done by our team, has been reported during this 15 year journey. We are thankful for all those who helped us in our proceedings and extended their moral and physical support. The support of faculty members, graduate students and the financial help of ORIC-UAF is highly acknowledged. Now it's the time to have new Cabinet of the CAP (for 2022-2024) through a free and fair Election (2021). Election Commission (EC) has been announced, registration of membership is on (<https://www.bit.ly/3aKHxSO>, <https://www.foodfeedinfo.com/uncategorized/cap-registration21/>) and a detailed schedule has been announced by the EC. Please get yourself registered to be on the voting list, nominate the fresh candidates for Office Bearers, follow the deadline and cut-off dates. Your kind help in favor of EC is solicited in conduct of this election thru **e-ballots** in a democratic way to choose a vibrant Cabinet to take the CAP to new heights.



The prejudice against the camel stems from a misconception that it is of low economic value and is synonymous to under-development. For those who can afford it, this perspective will have to be altered before this product can be milked for all it is worth (FAO).



~~~~ THE END ~~~~