



UNIVERSITY OF  
AGRICULTURE  
FAISALABAD- PAKISTAN

April 16-30, 2017

# ORIC NEWS

Office of Research, Innovation  
and Commercialization, UAF  
*Transforming Concepts into Impacts*

## Research Projects under NRPV by HEC

The UAF under the visionary leadership and with the sheer contribution of vibrant faculty has won 20-research projects from HEC under NRPV amounting to Rs. 71.84 Million while 27 Projects are at different stages of review process by HEC. The ORIC-UAF appreciates the efforts made by the faculty to promote research culture in the campus and hopes that there will be a sizeable number of approved projects, after passing through the review process.

SR No.	Name of Department/Institute	Total Projects	Total Cost
01	Institute of Agri. Extension and Rural Development	03	7.13
02	Department of Agronomy	02	8.54
03	Department of Biochemistry	01	8.71
04	Department of Botany	01	5.69
05	CABB	01	3.43
06	Department of Chemistry	01	1.18
07	Institute of Microbiology	02	11.9
08	Institute of Pharmacy Physiology and Pharmacology	01	2.45
09	Department of Physics	01	4.06
10	Department of Plant Pathology	03	8.56
11	Institute of Soil and Environmental Sciences	03	6.46
12	Department of Zoology, Wildlife and Fisheries	01	3.73
<b>Total</b>		<b>20</b>	<b>71.84</b>

## Chief Minister Punjab Visits UAF

The honorable Chief Minister Punjab, Mr. Shehbaz Sharif visited UAF in connection with to inaugurate state of the art Female Hostel funded by Govt. of the Punjab. A special display of UAF technologies, services and value added products was arranged. ORIC-UAF also arranged a stall to depict services provided by this office to the scientific community at UAF.



## Funding Opportunities for Research Grants



### U.S.-Pakistan Center For Advanced Studies in Agriculture & Food Security

## Funding Opportunities for Research Grants

#### CALL FOR APPLICATIONS

USAID-funded U.S. Pakistan Center for Advanced Studies in Agriculture & Food Security (USPCAS-AFS) is a collaborative project between the University of Agriculture, Faisalabad and the University of California at Davis (USA). USPCAS-AFS is calling for submission of concept notes on 13 priority research topics listed below. These topics address critical challenges for agriculture and food security in Pakistan and all research applications must be clearly solution-oriented.

1. Bioinformatics based strategies for crop and livestock improvement
2. Development of transgenic germplasm with herbicide tolerance
3. Gene editing for trait improvement and/or bio-fortification in crops
4. Research and development on barley from production to value addition
5. Adoption of agricultural technologies/practices to reduce green-house gas emissions and increase carbon sequestration/carbon credit earnings in rice and livestock production.
6. Management of recently emerged weeds under changing climate scenarios
7. Integrated pest management of pink bollworm, rodents, wild boars, birds posing increasing economic threat to crops and eco-systems.
8. Residue management for improved soil and environmental health
9. Development of small-scale planters and pruning machinery
10. Development of liquid fertigation technologies for improving cost efficiency and production.
11. Development of harvesting and picking machinery for crops
12. Identification of opportunities, challenges and approaches for improving agricultural exports via CPEC
13. Food insecurity, diet diversity and consumption habits

Successful applicants will be invited in the next phase to collaborate with scientists from University of California, Davis and Washington State University in the development of joint proposals.

Deadline for submission of concept notes is **April 30, 2017**.

Concept note may only be submitted via email at [casafsgrants@uaf.edu.pk](mailto:casafsgrants@uaf.edu.pk).

To download application form, details on topics, guidelines for writing concept notes, FAQs, review process and the later joint proposal phase, please visit our website: <http://uspcasafs.uaf.edu.pk/Grants.aspx>.

For further queries, please contact Grants Officer via Ph: **0412409462-64** or Email: [saliha.ahmad@uaf.edu.pk](mailto:saliha.ahmad@uaf.edu.pk)



## One Day Training for Scientific Writing

One day training was organized by UAF Sub-campus Burewala-Vehari on Sunday 9th April, 2017 for M.Phil, MS, MSc, and MBA students at Iqbal-Auditorium Vehari. Dr. Abdus Salam Khan was Patron in Chief of the organizing committee. The faculty members specialized in related fields were the resource persons. It was an exclusive capacity building training event which was comprised of three sessions. In first session, the speakers explained the importance and various types of research. Then the students were trained to design a research plan and to format and layout the script. In Second session, the precision and correctness was the focus.

The various rules of grammar were described. In last session, the post-texting techniques were taught, which included citation writing, proof reading and various ways to publish an accomplished research. At the end, hands on activity for synopsis formatting was performed. The excellent remarks were secured through evaluation process from the participants. Dr. Muhammad Abdul Rehman Rashid, Assistant Professor/Deputy Hall warden thanked the participants for their attentive participation and level of interest during all the stages of the event.





## A Delegation from Monsanto Pakistan visits UAF

A delegation from Monsanto Pakistan Pvt. (Ltd) comprising of Mr. Amir Mehmood Mirza, Country Lead, Mr. Azeem Khan Niazi Corporate Engagement & Government Affairs Lead and Mr. Muhammad Asim, Technical & Regulatory Lead visited UAF on April 13, 2017. During the visit, they met with the Vice Chancellor and discussed possible options for further strengthening the collaboration with UAF.

Monsanto agreed to include a promising Cotton Line PB-896 of UAF in their Trait Integration Program. The Director ORIC and Director Farms, were also present in the Vice Chancellor's secretariat during the visit. The delegation also visited ORIC and discussed the issues regarding Monsanto Learning Center at UAF.



## Best Poster Prize in National Graduate Conference

National Graduate Conference was held at Allama Iqbal Open University Islamabad (AIU) on March 15-16, 2017. Conference was organized to provide a National platform to research students of Pakistani Universities and their mentors to showcase their work in progress as well as their completed yet un-published work. Graduate Conference was a plausible platform for graduate students (Master and above) to present their research work in the form of Poster Presentation, oral paper with multimedia presentation, round table discussion, panel discussion and project exhibition.

This conference not only provided chance to the students to present research work but it also commences the competition between students and imparts the winning group with great appreciation. Recently a group of Master students Asma Andleeb & Sidra Akbar from Zoology department and Institute of Microbiology respectively of University of Agriculture Faisalabad working at PBI-UAF presented their research work in the form of poster presentation and won the Best Poster Prize. This group is working under the supervision of Dr. Saima Mirza and Prof. Dr. Ehsan Ali at the Punjab Bio-Energy Institute (PBI-UAF).



Title of their research work is "Isolation and Cultivation of algae for bio-fuel and bio-molecules production". This is a considerable effort from students as well as from their mentors.

## Training on Water Harvesting



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ORIC  
OFFICE OF RESEARCH, INNOVATION & COMMERCIALIZATION  
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Training on  
**WATER HARVESTING**  
Under the project  
'Capacity Building of Agriculture Scientists'  
in collaboration with **Government of Balochistan**  
April 10-19, 2017

Organized by  
Office of Research, Innovation & Commercialization (ORIC)  
University of Agriculture, Faisalabad  
www.uaf.edu.pk

## ORIC Activities



## Research Productivity Award 2016

Pakistan Council for Science and Technology (PCST) has announced final results of Research Productivity Award 2016. ORIC congratulates, the following RPA-2016 award winners of UAF with the hope that they will contribute in nation building programs with same pace and momentum.

Sr No.	Name	Designation	Department/Institute
01	Prof. Dr. Haq Nawaz Bhatti	Professor	Chemistry
02	Prof. Dr. Masood Sadiq Butt	Professor	NIFSAT
03	Prof. Dr. Muhammad Asgher	Professor	Biochemistry
04	Prof. Dr. Abdul Khaliq	Professor	Agronomy
05	Prof. Dr. Muhammad Javed	Professor	Zoology, Wildlife & Fisheries
06	Prof. Dr. Ijaz Ahmad Bhatti	Professor	Chemistry
07	Prof. Dr. Amer Jamil	Professor	Biochemistry
08	Prof. Dr. Javaid Akhtar	Professor	Soil and Environmental Sciences
09	Prof. Dr. Ehsan Ali	Professor	Punjab BioEnergy Institute
10	Prof. Dr. Waseem Akram	Professor	Entomology
11	Prof. Dr. Asif Tanveer	Professor	Agronomy
12	Prof. Dr. Ghulam Murtaza	Professor	Soil and Environmental Sciences
13	Prof. Dr. Ahrar Khan	Professor	Veterinary Pathology
14	Prof. Dr. Zahir Ahmad Zahir	Professor	Soil and Environmental Sciences
15	Prof. Dr. Muhammad Yaseen	Professor	Soil and Environmental Sciences
16	Dr. Anjum Munir	Associate Professor	Energy Systems Engineering
17	Dr. Muhammad Farooq	Associate Professor	Agronomy
18	Dr. Muhammad Shahid	Associate Professor	Biochemistry
19	Dr. Abdul Ghaffar	Associate Professor	Physics
20	Dr. Muhammad Atif Randhawa	Associate Professor	NIFSAT
21	Dr. Imran Pasha	Associate Professor	NIFSAT
22	Dr. Muhammad Issa Khan	Associate Professor	NIFSAT

Contd.



## Research Productivity Award 2016

Sr No.	Name	Designation	Department/Institute
23	Dr. Muhammad Ayyub	Associate Professor	Horticultural Sciences
24	Dr. Raja Adil Sarfraz	Assistant Professor	Chemistry
25	Dr. Bushra Sultana	Assistant Professor	Chemistry
26	Dr. Kanwal Rehman	Assistant Professor	Pharmacy, Physiology and Pharmacology
27	Dr. Sana Sadaf	Assistant Professor	Punjab BioEnergy Institute
28	Dr. Saddam Hussain	Assistant Professor	Agronomy
29	Dr. Muhammad Anwar-Ul-Haq	Assistant Professor	Soil and Environmental Sciences
30	Dr. Muhammad Shahbaz	Assistant Professor	Botany
31	Dr. Abdul Ghafoor	Lecturer	Farm Machinery and Power

## Visit of the Delegation from Wuhan Qingfa-Hesheng Seed Co., Ltd China to UAF

A delegation from Chinese Company Wuhan Qingfa-Hesheng Seed Co., Ltd visited UAF to sign an MOU regarding hybrid seed production in Pakistan in collaboration with UAF experts.

Ms. Wang Peng, Production Manager, Wuhan Qingfa-Hesheng Seed Co., Ltd with their team visited Office of Research Innovation and Commercialization (ORIC) and showed their interest to sign Land use Agreement with UAF. The Director, ORIC assured his full cooperation in this regard. The delegation asked some pertinent questions relating to Land use Agreement which were satisfactorily answered by Director ORIC.



**Prof. Dr. Iqrar Ahmad Khan (S.I.)**  
Vice Chancellor, UAF (Patron in Chief)

**Prof. Dr. Zahir Ahmad Zahir**  
Director ORIC, (Chief Editor)

### Editorial Board

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**Ms. Arooj Arshad**    ORIC

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