



UNIVERSITY OF  
AGRICULTURE  
FAISALABAD- PAKISTAN

December 16-31, 2016

**ORIC NEWS**

Office of Research, Innovation  
and Commercialization, UAF

## Research Productivity Award 2015

Pakistan Council for Science and Technology (PCST) announced final result of. The certificate distribution ceremony of Research Productivity Award 2015 was held on **December 13, 2016** at University of Agriculture, Faisalabad. UAF was second among all Pakistani Universities in winning RPA 2015. ORIC congratulates, the following RPA, 2015 award winners of UAF.

### List of RPA Awardees 2015-16

S.No	Name	Designation	Department
1.	Prof. Dr. Haq Nawaz Bhatti	Professor & Chairman	Chemistry
2.	Dr. Muhammad Shahid	Associate Professor	Biochemistry
3.	Dr. Bushra Sultana	Assistant Professor	Chemistry
4.	Prof. Dr. Muhammad Asgher	Professor	Biochemistry
5.	Prof. Dr. Muhammad Javed	Professor/Dean	Zoology Wildlife & Fisheries
6.	Prof. Dr. Ijaz Ahmad Bhatti	Professor	Chemistry
7.	Prof. Dr. Abdul Wahid	Professor	Botany
8.	Dr. Mansoor Hameed	Associate Professor	Botany
9.	Dr. Muhammad Shahbaz	Assistant Professor	Botany
10.	Dr. Ahmad Sattar Khan	Associate Professor	Inst. Horticultural Sciences
11.	Prof. Dr. Aman Ullah Malik	Professor	Institute of Horticultural Sciences
12.	Prof. Dr. Muhammad Yaseen	Professor	Institute of Soil and Environmental Sciences
13.	Prof. Dr. Zahir Ahmad Zahir	Professor	Institute of Soil & Environmental Sciences
14.	Dr. Muhammad Sanaullah	Assistant Professor	Institute of Soil & Environmental Sciences
15.	Prof. Dr. Muhammad Arshad	Professor/Dean	Institute of Soil & Environmental Sciences
16.	Dr. Abdul Wakeel	Assistant Professor	Institute of Soil and Environmental Sciences
17.	Dr. Muhammad Farooq	Associate Professor	Agronomy
18.	Prof. Dr. Shahzad Maqsood Ahmad Basra	Professor	Agronomy
19.	Prof. Dr. Rashid Ahmad	Professor	Agronomy
20.	Dr. Irfan Afzal	Associate Professor	Agronomy
21.	Prof. Dr. Riaz Ahmad	Professor	Agronomy
22.	Prof. Dr. Waseem Akram	Head of R&D Programme	Entomology
23.	Prof. Dr. Masood Sadiq Butt	Dean & Director General	National Institute of Food Science and Technology
24.	Dr. Mian Kamran Sharif	Assistant Professor	National Institute of Food Science & Technology
25.	Dr. Sana Sadaf	Assistant Professor	Punjab Bio-Energy Institute
26.	Dr. Abdul Ghafoor	Lecturer	Farm Machinery and Power
27.	Dr. Anjum Munir	Associate Professor	Energy Systems Engineering
28.	Dr. Muhammad Khalid Bashir	Assistant Professor	Institute of Agricultural and Resource Economics
29.	Prof. Dr. Ahrar Khan	Chairman & Director	Pathology

## Times Higher Education Brics & Emerging Economies Ranking 2017

It is matter of pride for the University of Agriculture, Faisalabad that it has been ranked at 203rd Best Research-led Universities of the world by Times Higher Education Brics & Emerging Economies Ranking 2017. UAF is optimistic making its ranking better in the upcoming years with the sheer cooperation of the faculty.

## Visit of British Council Delegation to UAF

Mr. Talah Chishti, Project Coordinator and Mr. Umair Ali Project Manager Active Citizens Program, from British Council visited UAF on **December 08-09, 2016** for the orientation of 5th semester regarding Active Citizenship Program. Mr. Chishti told the students about the importance of this program and briefed them about upcoming events of British Council. He also appreciated the efforts of Director, ORIC and the Focal Person/facilitators. On second day, British Council representatives took the presentations of 7th Semester students regarding Social Action Program and appreciated the efforts of students and their mentors



## Green Heavens Landscape | Success Story of an incubatee

Green heavens landscape provides reliable, professional and cost effective landscape solutions. Through diverse array of services which include landscaping and designing to both Government and Private sector clientele. The company is utilizing sustainable landscape maintenance practices. Green heavens landscape was registered as incubatee in 2015 with Business Incubation Center University of Agriculture, Faisalabad. Since its incubation Mr Umer Farooq worked hard for success of his venture. Business Incubation Center also provided continuous mentoring that ultimately resulted in success of subject venture. According to the firm, there are very few companies operating in this space; further the unique approach of Green heavens landscape keeps them ahead of their competitors. The company is now successfully providing services to domestic and commercial clients nationwide. It currently employs fifteen persons. Green heavens landscape has opened new horizons in landscaping industry.

Mr Umer Farooq related his current success with UAF, Business Incubation Center. He said ***"It was a wonderful experience working in BIC. This center connected us with a couple of potential partners and clients. Overall, we had a very good experience and I think BIC is playing a significant role in promoting entrepreneurship."***

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## Research Productivity Award-2016 & Directory of Productive Scientist of Pakistan

It is to inform that PCST has extended the date for submission of applications for Research Productivity Award-2016 and updation of data of Directory of Productive Scientists of Pakistan till **December 20, 2016**. Please visit <http://www.pcst.org.pk/rpa2016/> for further details and filling of online application proforma.

Hardcopy of application form, properly attested by head of organization/ department, along with all required proofs should be sent to PCST through ORIC. It is therefore requested to kindly submit 2-hard copies to ORIC, UAF till **December 16, 2016** for onward submission to PCST after getting approval from the Vice Chancellor, UAF

Any further query in this regard can be addressed to:

For RPA-2016	For PSP
Dr. Muhammad Shahid, SRO Ph:051-9208727, Email: pcst.psp@gmail.com	Dr. Saima Nasir, SRO Ph:051-9222177, Email: pcst.psp1@gmail.com

## Call for Preliminary Proposals:

Pakistan Agricultural Research Council (PARC) has invited Research Proposals (Preliminary Proposals) under 8th batch of Agricultural Linkages Program (ALP) from the promising Pakistani research scientists for the award of research grants on competitive basis. The research proposals should be developed on the basis of research priorities identified in the fields of Animal Sciences, Plant Sciences, Natural Resources, Social Sciences and Agricultural Engineering. These Research Priorities can be downloaded from

[http://www.alp.gov.pk/index.php/announcements/research-priorities:](http://www.alp.gov.pk/index.php/announcements/research-priorities)

Preliminary Proposals (4 copies) should comprise Project Title, Applicant's Details, Overseas Cooperating Scientist/Organization (if any), Duration, Abstract/Justification, Objectives, Plan of Work and Proposed Budget. Proforma for Preliminary Proposal and instructions to the participating scientists can be downloaded from <http://www.alp.gov.pk/index.php/downloads/proformas/category/9-preliminaryproposal>

The proposal may be submitted to the Executive Director, ALP Secretariat, Planning & Development Division, PARC. Closing date for receipt of proposals is **January 3, 2017**. Proposals should be submitted in ORIC till **December 27, 2016**. Proposals submitted after **December 27, 2016** may not be forwarded.



### THE PAKISTAN – UNITED STATES SCIENCE AND TECHNOLOGY COOPERATION PROGRAM

#### PHASE 7 CALL FOR PROPOSALS

**APPLICATION DEADLINE: JANUARY 13, 2017**  
**MAXIMUM FUNDING: \$500,000** (COMBINED PAKISTAN – U.S.)

Proposals are now being accepted for one- to three-year collaborative Pakistan – U.S. research grants.

The program welcomes proposals across a wide range of topics, including but not limited to:

- Health Security
- Education
- Health/Public Health/Medicine
- Nutrition
- Water and Sanitation
- Agriculture
- Environment / Climate Change / Biodiversity
- Energy and Renewable Energy
- Social Sciences
- Economic Development
- Democracy and Governance
- Food Security

For more information, full instructions, and to apply, visit:  
[www.nationalacademies.org/pakistan](http://www.nationalacademies.org/pakistan)  
<http://hec.gov.pk/site/PAKUS-STCP>



## Success Story of Commercialization

Dr. Irfan Afzal, Associate Professor, Department of Agronomy, UAF developed a novel technology for grain Storage and he signed a license Agreement under UAF Academia Industry Linkages Program with Mr. Kashif Adnan, Managing Director, Anaaji, FF-25, Asian Business Center, Islamabad for the period of two (2) years.



**U.S.-Pakistan Center For Advanced Studies in  
Agriculture & Food Security**  
University of Agriculture, Faisalabad

### SCHOLARSHIPS UNDER USPCAS-AFS RESEARCH PROJECTS

USPCAS-AFS is offering **M.Phil./M.S./M.Sc. (Hons.)** and **Ph.D.** scholarships to academically brilliant students to work in the following research projects funded by USPCAS-AFS

1. Implementing climate-smart dry chain technology for improving livelihoods of the maize farming community in Pakistan (Dr. Irfan Afzal)
2. Metagenomics of Mosquitoes Vectors and Abundance of Mosquito-borne Pathogens in different Agro-Geoclimatic Areas of Punjab, Pakistan (Dr. Sohail Sajid)
3. CRISPR/Cas9 based virus resistance in cotton (Dr. Aftab Ahmad)
4. Transgenic approaches for the development of drought and salt tolerance in wheat (two components) (Dr. Imran Khan and Dr. Aftab Bashir)
5. Omics approaches for improving chickpea drought tolerance and nodulation (two components) (Dr. Rana Muhammad Atif and Dr. Kashif Riaz)
6. Genomics-based understanding of Ceratocystis manginecans to formulate control measures of Mango Quick Wilt Disease (Prof. Dr. Iqar Ahmad Khan)
7. Sensor Based Precision Irrigation Systems for Improving Water Productivity of Cereal Crops (Dr. Muhammad Jehanzeb Masud Cheema)
8. Development of real-time weed detection system for spot application of herbicides in Maize (Dr. Rizwan Maqbool)
9. Designing and implementing the irrigation management information system using cellular communication networks in selected area of Punjab (Dr. Syed Hamid Hussain Shah)
10. Agricultural Input Marketing in Pakistan: Implications for Food Security (Dr. Hamad Badar) Youth and gender mainstreaming in agricultural activities through need based capacity building in Punjab and Khyber Pakhtunkhwa (Dr. Izhar Ahmad Khan)
11. Youth and gender main streaming in agricultural activities through need based capacity building in Punjab and Khyber Pakhtunkhwa (Dr. Izhar Ahmad Khan)

#### The Scholarship Covers:

- Tuition Fee
- Stipend
- Boarding Charges
- Bench Fee (for PhD scholars only)
- Book Allowance
- Thesis Charges

#### Eligibility:

1. The applicant must be an enrolled student in **MPhil/MS/MSc (Hons.)** or **PhD** at UAF
2. The applicant must have secured at least 3 CGPA (out of 4) in the last degree.
3. The applicant, if selected will have to withdraw any other scholarship / funding.

#### How to Apply:

The Application Form for "Scholarships under Research Projects" available at: <http://uaf.edu.pk/USPCAS-AFS/scholarships.html> must be submitted **online** by **December 10, 2016**. A copy of the online Application Form completed in all respects along with supporting documents (as mentioned in the form) must also be submitted by **December 12, 2016** at the below-mentioned address.

**Note:** Incomplete Applications or those received after due date will not be entertained. Only shortlisted candidates will be called for interview.

#### IRFAN ABBAS

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**Higher Education Commission  
Pakistan**

## HEC Technology Development Fund

### GRANTS FOR PRODUCT DEVELOPMENT

In its efforts to nurture entrepreneurship and steer Institutions of Higher Learning to serve as engines of socio-economic development, HEC TECHNOLOGY DEVELOPMENT FUND applications are invited under for development of products based on research projects of PhD scholars and their teams.

The proposed project will be expected to develop a product or service which should positively impact the economy, solve a current problem, meet a market need, utilize local raw materials, move current products up the value chain as well as create a large scale employment.

Projects are mainly expected to be in the following areas:

- Information and Technology/Computers (applications in government services, health, textile, agriculture, dairy etc.)
- Microelectronics
- Biotechnology (in health, agriculture, textile, dairy etc.)
- Material Sciences/Manmade Material
- Telecommunication
- Robotics
- Any other discipline which is inductive or conducive to success of products developed in the above areas.

The proposals need to be academia-industry joint projects leading to products or services which solve a current problem or identify a new opportunity, are marketable, leading to positive cash-flows

Application forms can be downloaded from the following link  
<http://hec.gov.pk/english/services/students/TDF/Pages/Intro.aspx>

Complete applications must be routed to HEC on following address through the ORIC of the University where the applicant team is located. Proposals will be received till **December 20, 2016** and evaluated on first come first serve bases.

**Ms. Noshaba Awais**, Director (R&D)  
**Higher Education Commission**  
Sector H-9, Islamabad

In case of any assistance, Please contact

**Dr. Khuram Zia**, Asst. Prof., ORIC  
Cell: 0321-6611003  
E-mail: [khuram.zia@uaf.edu.pk](mailto:khuram.zia@uaf.edu.pk)



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

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

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