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**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. Developing climate-resilient plant-based recombinant subunit vaccine against Foot and Mouth Disease Virus of livestock (Prof. Dr. Muhammad Sarwar Khan)
2. Rapid development of high yielding drought tolerant lines of wheat through introgression of stable QTLs/Genes based on novel 90K ISELECT SNP assay and Circular Consensus Sequencing (CCS) (Dr. Rizwana Maqbool)
3. Composite flour technology; a step towards managing malnutrition and food security in Pakistan (Dr. Imran Pasha)
4. Improvement of Berseem clover (*Trifolium alexandrinum*) seed quality by managing fungal seed infections and infestations with a special emphasis on stem and crown rot. (Dr. Imran UI Haq)
5. Characterization of *Dalbergia sissoo* and *Dalbergia latifolia* Open Pollinated Seed Progenies for Dieback Tolerance. (Dr. Asif Javed Muhammad)
6. Resistance gene analogues based molecular identification for dieback disease resistance in Shisham (*Dalbergia sissoo*) (Dr. Siddra Ijaz)
7. Genotyping and development of heat stress tolerant cotton germplasm having enhanced quality traits (Dr. Muhammad Tehseen Azhar)
8. Development of solar assisted multi-crop dryers and energy efficient storage structures for value addition and food security (Dr. Anjum Munir)
9. Increasing soybean adaptability, yield and oil content by conventional plant breeding and genetic improvement practices (Dr. Zaheer Ahmad)
10. Efficient Management of Fruit fly by Nano based Pheromone Trap Technique (Dr. Shahid Majeed)
11. Biologically based pest management program for fruit flies using insect pathogens (Dr. Waqas Wakil)
12. Development of Rural Poultry as Heat Tolerant Meat-Type Birds under Tropical Conditions of Pakistan (Dr. Zia Rehman)
13. Integrated management of Guava (*Psidium guajava* L.) Dieback in Pakistan (Dr. Rashad Waseem Qadri)

**COMPOSITION OF SCHOLARSHIP**

**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 October 17, 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 October 19, 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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