SITUATION VACANT

1. Applications are invited for the post of Research Associate under HEC Funded Research Project, entitled “OPTIMIZATION, FABRICATION AND DESIGNING OF A PORTABLE SOLAR POWERED UMBRELLA” sponsored by Higher Education Commission, Islamabad. The candidates are required to possess a minimum of M.Sc./B.Sc. (Hons) degree in the field of Physics with at least two first divisions (one in terminal degree) and no third division in the academic career. Experience of post M.Sc./B.Sc. (Hons) research the relevant field will be given preference. The selected candidate will be paid @ Rs. 15,000/- p.m. fixed. However, she/he will be required to sign a bond for entire duration of project. Applications should reach in the office of PI Dr. Yasir Jamil, Associate Professor, Department of Physics, UAF within 7 days after the publication of this notice.

2. Applications are invited for one post of Research Assistant @ Rs. 25,000/- per month has become available in the NRPU, HEC Funded entitled “Experimental and theoretical investigation of ferroelectricity in perovskite based heterostructures or superlattices”. The required qualification for this position will be as under: Eligibility: PhD student doing dissertation in perovskite based heterostructures or superlattices. Last date for receipt of application within three days after issue of this advertisement in the Office of PI Dr. Muhammad Yaseen, Assistant Professor, Department of Physics, UAF.

3. The Department of Theriogenology intends to hire services of two Visiting Faculty members on Per Lecture Basis. The minimum qualification for applicants is M.Phil in Theriogenology with CGPA 3.00 or more and no third division. Evaluation of candidates will be carried out on the basis of their academics, practical performance, presentation and interview. Interested persons can submit their applications on plain papers with complete CV, attested copies of relevant documents and contract details in the office of the Chairman, Department of Theriogenology, UAF, up till Monday, January 15, 2018 during office hours. The schedule of evaluation of candidates will be notified later.

PLACEMENT OF PhD THESIS FOR PEER REVIEW

1. Copy of the PhD thesis submitted by Mr. Syed Mohsin Abbas, Regd. No. 2000-ag-1039, will be placed in the Library Department of Agronomy from 09-01-2018 to 15-01-2018. The title of his thesis is “Effect of salicylic acid on bioprodactivity and drought tolerance potential of Marigold (Tagetes erecta)”. All the faculty members and students are welcome to read/consult the thesis.

2. PhD thesis of Mr. Muhammad Farhan Rashid, Regd. No. 2005-ag-1576 a student of the Institute of Soil and Environmental Sciences UAF will be placed in Director’s office for peer review w.e.f. 09-01-2018 to 16-01-2018. The title of his thesis is “Phosphorus dynamics and its uptake by wheat in salt-affected soils”. All academic staff/students are welcomed to read/consult and give suggestions so that thesis will be improved according with incorporation of these suggestions.

3. PhD thesis of Mr. Atif Javed, Regd. No. 2007-ag-2215 a student of Institute of Soil and Environmental Sciences, UAF will be placed in Director’s office w.e.f. 11-01-2018 to 18-01-2018. The title of his thesis is “Simulation of soil water and nitrogen under different management practices in maize-wheat rotation”. All academic staff/students are welcomed to read/consult and give suggestions so that thesis will be improved according with incorporation of these suggestions.

4. PhD thesis of Miss Nailsa Hadayat, Regd. No. 2009-ag-105, will be placed in the office of the Chairman, Department of Botany on 10-01-2018 for one week. The title of her thesis is “Heavy metal pollution from vehicular emissions and its phytomonitoring along two roads i.e. Pindi Bhattian to Kala Shah Kaku and Lahore to Gujranwala”. All interested are invited to give valuable suggestions.

5. PhD thesis of Miss Sunreen Anjum, Regd. No. 2011-ag-596, will be placed in the office of the Chairman, Department of Botany on 10-01-2018 for one week. The title of her thesis is “Phytomonitoring of heavy metal pollution along two roads (Faisalabad to Okara and Okara to Lahore)”. All interested are invited to give valuable suggestions.

6. PhD thesis of Mr. Salman Ata, Regd. No. 2009-ag-1127 will be placed in the office of Director/in-charge (IAERD) for one week 12-01-2018 to 19-01-2018 for peer review prior to its submission for foreign evaluation. The faculty members and students are invited to pursue the thesis for any suggestions/corrections. The title of his thesis is “transnational land acquisition in Pakistan: implications for sustainable rural livelihoods and rural development”.

7. PhD thesis of Miss. Rabia Iqbal, Regd. No. 2006-ag-1300, a PhD scholar, will be placed w.e.f. 08-01-2018 to 15-01-2018 in the Conference Room/Library, National Institute of Food Science & Technology, UAF prior to its submission for foreign evaluation. The faculty and students are invited to pursue the thesis for any suggestions/corrections.

8. Thesis of Mr. Qudrat Ullah Regd. No. 2006-ag-1137, a PhD scholar of Department of Theriogenology will be placed in the office of the Chairman, for peer review from 10-01-2018 for one week. The title of his thesis is “Serological and molecular investigations on Coxiellosis and its relationship with reproductive disorders in small ruminants at livestock farms of Punjab, Pakistan”. The faculty and students are invited to peruse the thesis for any correction and improvement please.
9. PhD thesis of Mr. Muhammad Asif Farooq, Regd. No. 2006-ag-1408, a student of the Department of Entomology, entitled "Screening, quantification and IPM based mitigation of pesticide residues in major marketed fruits in Punjab, Pakistan" is placed for peer review in the office of Chairman, Entomology w.e.f. 08-01-2018 for seven days. All interested persons are welcome to improve it.

10. PhD thesis of Mr. Muhammad Zahir Aziz, Regd. No. 2007-ag-2407 a student of the Institute of Soil and Environmental Sciences UAF will be placed in Director's office for peer review w.e.f. 10-01-2018 to 17-01-2018. The title of his thesis is "Efficiency of polymer coated diammonium phosphate bioaugmented with endophytic bacteria on growth, yield and phosphorus use efficiency of wheat (Triticum aestivum L.)." All academic staff/students are welcomed to read/consult and give suggestions so that thesis will be improved according with incorporation of these suggestions.

11. Copy of the PhD thesis submitted by Mr. Muhammad Kram-ul-Haq, Regd. No. 2007-ag-2622, will be placed in the library Department of Agronomy from 11-01-2018 to 17-01-2018. The title of his thesis is "Bio-economic assessment of barley and legume crops grown under different planting and water use techniques". All the faculty members and students are welcome to read/consult the thesis.

12. PhD thesis of Mr. Fiaz Hussain, Regd. No. 2006-ag-1426, will be placed in the office of the Chairman, Department of Entomology, UAF for one week prior to its submission for foreign evaluation from 09-01-2018 to 16-01-2018. The title of his PhD thesis is "Isolation and characterization of genes related to the suppression of host immune response by Bracon hebetor (Say). (Hymenoptera: Braconidae)". The faculty members and students are invited to pursue the thesis for any suggestions/comments. The suggestions received if in order will be incorporated through supervisory committee.

13. Mr. Muhammad Ali Sher, Regd. No. 2010-ag-574, PhD student of the Department of Plant Breeding and Genetics has placed his PhD thesis entitled "Gene mapping for post anthesis drought tolerance in bread wheat in relation to sink source interaction" for peer review in the Library, Department of Plant Breeding and Genetics from 10-01-2018 for one week. The faculty and the students are invited to peruse the thesis for any correction and improvement please.

14. Copy of the PhD thesis submitted by Mr. Muhammad Fahad, Regd. No. 2007-ag-2277, will be placed in the library Department of Agronomy from 11-01-2018 to 17-01-2018. The title of his thesis is "Wheat yield estimation using assimilation of remotely sensed information into a crop model". All the faculty members and students are welcome to read/consult the thesis.

15. PhD thesis of Miss Faiza Mustafa, Regd. No. 2008-ag-391, will be placed in the office of the Chairman, Department of Botany on 10-01-2018 for one week. The title of her thesis is "Adaptive components of drought tolerance in different populations of Cymbopogon jwarancusa (Jones) Schult and Lasiurus scindicus". All interested are invited to give valuable suggestions.

16. PhD thesis of Miss Faiza Mustafa, Regd. No. 2008-ag-391, will be placed in the office of the Chairman, Department of Botany on 10-01-2018 for one week. The title of her thesis is "Morpho-anatomical and physiological adaptations in Leptochloa fusca from different ecological zones". All interested are invited to give valuable suggestions.

17. The PhD thesis of Ms. Fatiqa Zafar, Regd. No. 2009-ag-1203 will be placed in the office of the Chairman, Department of Chemistry, UAF for critical review for one week on 10-01-2018 to 17-01-2018. The title of her thesis is "Formulation and characterization of cardioprotective nanosuspensions from indigenous medicinal plants". All interested are invited to give valuable suggestions.

18. The PhD thesis of Ms. Anum Sahar, Regd. No. 2007-ag-245 will be placed in the office of Chairman, Department of Chemistry, UAF for critical review for one week on 10-01-2018 to 17-01-2018. The title of her thesis is "Synthesis and applications of reactive triazine based UV protectors for textile". All interested are invited to give valuable suggestions.

19. The PhD thesis of Ms. Ghulam Sarwari, Regd. No. 2008-ag-646 will be placed in the office of Chairman, Department of Chemistry, UAF for critical review for one week on 10-01-2018 to 17-01-2018. The title of her thesis is "Nutrient profile and antioxidant characteristics of selected edible roots". All interested are invited to give valuable suggestions.

20. The PhD thesis of Mr. Muhammad Asif Tahir, Regd. No. 2007-ag-703 will be placed in the office of Chairman, Department of Chemistry, UAF for critical review for one week on 10-01-2018 to 17-01-2018. The title of his thesis is "Utilization of inorganic porous materials for adsorption of dyes from aqueous media". All interested are invited to give valuable suggestions.

PhD THESIS/SYNOPSIS DEFENSE

1. Mr. Muhammad Abdullah Malik, Regd. No. 2009-ag-3468, PhD student, Department of Parasitology will defend his doctoral research synopsis entitled "Epizootiology and functional genomics of Aedes aegypti for alternate control strategies in selected study districts of Punjab, Pakistan" on Thursday, January 11, 2018 at 09:00 am in the Seminar room, Faculty of Veterinary Sciences, UAF. All interested are invited.

2. Ms. Mahvish Maqbool, Regd. No. 2009-ag-4241, PhD student, Department of Parasitology will defend her doctoral research synopsis entitled "Metagenomics, functional genomics and alternate control strategies of ticks collected from Faisalabad district, Punjab, Pakistan" on Thursday, January 11, 2018 at 10:00 am in the Seminar room, Faculty of Veterinary Sciences, UAF. All interested are invited.

3. Mr. Waqas Ahmad, Regd. No. 2014-ag-37, PhD student, Department of Parasitology will defend his doctoral research synopsis entitled "Epidemiology, acaricidal resistance and alternative control strategies of ticks collected from different areas of Khyber Pakhtun Khwa, Pakistan" on Thursday, January 11, 2018 at 09:30 am in the Seminar room, Faculty of Veterinary Sciences, UAF. All interested are invited.

4. The synopsis defense of Mr. Arsalan Zafar, Regd. No. 2008-ag-2888, a PhD student in the Department of Parasitology, UAF, will be held on 11-01-2018 at 10:30 am in the Museum/Seminar Room of the Faculty of Veterinary Science, UAF. The title of his synopsis is "Surveillance of various opportunistic parasites in HIV infected/AIDS patients in Pakistan".

5. Miss. Sajila Sahar, Regd. No. 2010-ag-2668, PhD student of the Department of Plant Breeding and Genetics will defend her PhD synopsis in the Postgraduate Laboratory on 11-01-2018 at 03:00 pm. The title of her synopsis is "Haplotype mapping of genetic variants and genome wide association studies of biomass and biofuel related traits in sorghum". All the teachers and students concerned are requested to attend and contribute towards the improvement of the synopsis.

6. Ms. Maria Amjad, Regd. No. 2014-ag-1294, a PhD student of the Department of Rural Sociology will defend her synopsis entitled "People knowledge and Practices of fortified food in Punjab, Pakistan" on 12-01-2018 at 03:30 pm in the seminar room (W.T.O Cell), UAF. All interested are cordially invited to attend.

7. Ms. Asmat Saddiq, Regd. No. 2010-ag-1506, a PhD student of the Department of Rural Sociology will defend her synopsis entitled "Structural and Technological Changes and their Impact on Work Productivity: A Study of Working Women in Punjab, Pakistan" on 12-01-2018 at 03:30 pm in the seminar room (W.T.O Cell), UAF. All interested are cordially invited to attend.
8. Ms. Anisa Riaz, Regd. No. 2009-ag-736, a PhD student of the Department of Rural Sociology will defend her synopsis entitled “Individuals’ attitude, knowledge and practices regarding food safety and effects on their health in Punjab, Pakistan” on 12-01-2018 at 04:00 pm in the seminar room (W.T.O Cell), UAF. All interested are cordially invited to attend.


10. Mr. Faisal Rasheed Anjum, Regd. No. 2009-ag-3381, student of PhD Microbiology at Institute of Microbiology, UAF has successfully defended his PhD synopsis entitled “Production and Therapeutic application of Interferon for the Control of Newcastle Disease and Avian Influenza in Chicken” on 28-12-2017. The committee has suggested some minor changes in the research plan.


12. Mr. Muhammad Azeem Sabir, Regd. No. 2010-ag-2985, PhD student from the Department of Forestry and Range Management has successfully defended his PhD synopsis at University level on 08-12-2016. The title of his synopsis has been changed after the valuable suggestions from Supervisory Committee as well as participants, from “Quantification of services and growth hazards to urban forestry in Faisalabad” to “Assessing the Diversity and Services of Urban Forestry in Faisalabad City”.

13. Miss Tasyiba Aliyam, Regd. No. 2012-ag-814, PhD Chemistry student of the Department of Chemistry has successfully defended her synopsis titled “Wastewater Treatment Using Hybrid Biocomposites” as required under the rules on 27-12-2017. This topic has been modified with minor alterations in response to suggestions given during synopsis defense as “Removal of Synthetic Dyes from Aqueous Solution Using Hybrid Materials”.

1. Miss Sunainah Shahzad Reg. No. 2008-ag-2811 a PhD student of Centre of Agricultural Biochemistry & Biotechnology (CABB) has successfully defended her PhD synopsis at University level on Thursday 29th December, 2017. The title of her synopsis is “Cyto genetic and Molecular Study of Chronic Myeloid Leukemia patients in population of Punjab, Pakistan”.

2. Miss Rimsha Riaz Reg. No. 2010-ag-2985 a PhD student of Centre of Agricultural Biochemistry & Biotechnology (CABB) has successfully defended her PhD synopsis at University level on Thursday 29th December, 2017. The title of her synopsis is “Engineering Foot and Mouth Disease virus Serotype O antigenic proteins to express in Trifolium alexandrinum”.

3. Miss Saher Qadeer Reg. No. 2010-ag-2971 a PhD student of Centre of Agricultural Biochemistry & Biotechnology (CABB) has successfully defended her PhD synopsis at University level on Thursday 28th December, 2017. The title of her synopsis is “Developing climate-resilient plant-based recombinant subunit vaccine against Foot and Mouth Disease Virus Serotype Asia-1 of Livestock”.

4. Miss Sidra Anam, Reg. No. 2010-ag-2924 a PhD student of Microbiology at Institute of Microbiology, UAF has successfully defended her PhD synopsis entitled “In Vitro Interferon Production for Treatment of Chicken Infected with Infectious Bursal Disease and Hydropericardium Syndrome Virus” on 29-12-2017. The committee has suggested some minor changes in the research plan.

5. Certified that Mr. Zeeshan Ibrahim, Reg. No. 2010-ag-2760, PhD Soil Science student of the Institute of Soil and Environmental Sciences has successfully defended his synopsis in a seminar at the University level on 15-12-2017. The title of his synopsis is "Evaluation of Salinity Tolerance Mechanism in Soybean (Glycine max L.) to improve the productive environment of Saline soil".


7. Mr. Muhammad Umair, Reg. No. 2010-ag-2306 student in the Department of Farm Machinery and Power, Faculty of Agricultural Engineering and Technology, UAF has successfully defended his PhD synopsis on 05-01-2018. The title of his synopsis is “Design, Development and Performance Evaluation of Indigenous Rice Transplanter”.

8. Mr. Muhammad Waqas, Reg. No. 2010-ag-3306 a PhD student of the Department of Plant Breeding & Genetics has successfully defended his PhD thesis titled “Genetic analysis of rice yield and protein content in indica and japonica varieties under salt and water stress conditions” on 29-12-2017. As per suggestions given by the teachers/participants during presentation of the synopsis a minor change has been made in the title as “Dissecting physiological, biochemical and transcriptional responses in blackleg based recombinant subunit vaccine against Foot and Mouth Disease virus Serotype O antigens”.

9. Miss Ayesha Abdul Qadir, Reg. No. 2007-ag-3381, student of PhD Microbiology at Institute of Microbiology, UAF has successfully defended her PhD synopsis at University level on 12-01-2018. Date of receiving and opening on 11-01-2018. The new title of her synopsis is “Effect of inoculation by Bacillus subtilis TCI 856 on the yield and biomass productivity of rice in saline soil”. As per suggestions given during synopsis defense alterations in response to suggestions given during synopsis defense as “Improving Zinc contents of Rice (Oryza sativa L.) and Wheat (Triticum aestivum L.) under salt stress”.

10. Miss Nadia Liaqat Reg. No. 2010-ag-2621 is a PhD student in the Department of Plant Pathology, has successfully defended her PhD synopsis at University level on 22-12-2017. The title “Epidemiological and biochemical factors conducive for the development of blackleg of Potato and its management”.

11. Miss Zuhra Mazhar, Regd. No. 2007-ag-2383, PhD student of the Institute of Soil and Environmental Sciences has successfully re-defended her synopsis in a seminar at the University level on 04-01-2018. The new title of her synopsis is “Improving Zinc contents of Rice (Oryza sativa L.), Wheat (Triticum aestivum L.) and Chickpea (Cicer arietinum L.) under saline conditions”.

12. Miss Rabia Gul, Regd. No. 2014-ag-644 a PhD student in the Department of Botany has successfully defended her synopsis on 03-01-2018. The title of her synopsis is “Structural and functional aspects of photosynthesis in some dominant taxa along altitudinal gradient”.


TENDER NOTICE
Sealed tenders are invited from the firms/contractors registered/enlisted with the UAF for the following works at UAF on items rate/ the percentage rate circulated by the Finance Department Government of the Punjab as per PPRA rules. Last date for the purchase of tender Documents: 11-01-2018. Date of receiving and opening on 12-01-2018 at 11:00 am to 11:30 am.
<table>
<thead>
<tr>
<th>Name of Work</th>
<th>Amount (Rs.)</th>
<th>Bid Security @ 2% of estimated cost</th>
<th>Time Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repair &amp; maintenance work of House No. 01-B Gulfishan Colony UAF.</td>
<td>92,832/-</td>
<td>1857/-</td>
<td>One Week</td>
</tr>
<tr>
<td>Repair and renovation work to Faculty of Agriculture and Agri. Engineering at Campus UAF.</td>
<td>85,000/-</td>
<td>1700/-</td>
<td>One Week</td>
</tr>
</tbody>
</table>

Tender documents can be obtained from the office of the Executive Engineer, (ECD-M) UAF against written request accompanied with attested copy of enlistment/ up to date renewal letter and fee receipt valid P.E.C license up to 31-12-2018 (If required). Authority letter on pad form of contractor/firm, identity card of contractor/managing partner of the firm, registered partnership deed with power of attorney, and on payment of prescribed tender fee into the account No. 11-9/NBP, UAF Branch.

1. Tender rate and amount should be filled in figure as well as in words and tender should be signed as per general direction in the tender documents. 2. Tempered tender or sent by post will not be entertained. 3. Tender documents must reach the office of the PI within 5 days after the publication of this notice along with 2% earnest money in the form of call deposit.

**QUOTATION**

1. Sealed quotations are invited for the purchase of consumables articles (chemicals, glassware, plasticware etc.) for the research project entitled “Synthesis of Biodegradation Bioplastics using Animal, Plant and Microbial Based Raw Materials” being run by Prof. Dr. Muhammad Asgher, Department of Biochemistry. List can be seen in the office of the PI. The quotations should reach in the office of the PI within 5 days after the publication of this notice along with 2% earnest money in the form of call deposit.

2. Sealed quotations are invited from the registered contractors for the purchase of a Piston Grinder, by the PI, HEC funded Project under title “Soil Mineralogy-based potassium fertilization for sustainable crop production in different soils of Pakistan” Institute of Soil and Environmental Sciences, UAF. The rates should be given both in figures and words without any over-writing and quotations should be accompanied with a deposit call @ 2% of the estimated cost as earnest money. The quotations must reach the office of the PI Dr. Abdul Wakeel of the project within 5 days after the publication of this notice.

3. Sealed quotations are invited for the purchase of consumable articles (chemicals, glassware, plasticware etc.) for the research project entitled “Development and genetic characterization of haploid lines and polyploid germplasm for hybridization in elite guava strains” being run by Dr. Muhammad Usman, PI Plant Tissue Culture Cell, Institute of Horticultural Sciences, UAF. List can be seen in the office of the PI. The quotations should reach in the office of the PI within 5 days after the publication of this notice along with 2% earnest money in the form of call deposit.

**AUCTION NOTICE**

Land Utilization Office of Directorate of Farms, UAF intends to conduct a re-auction of 286 kanals of sugarcane crop (90 kanals in Sq. No. 43, 100 kanals in Sq. No. 50, 80 kanals in Sq. No. 63 and 16 kanals in Sq. No. 69) at, Chak No. 217 RB, Ochkera Farm, Narwala Road, Faisalabad on 22-01-2018 at 10:00 am. Interested persons may come & bid. The bidders will have to deposit @ Rs. 50,000/- (refundable) as bid security. One third of the total price will be collected at the spot and remaining amount will be received after the approval of competent authority. Advance Tax @ 10% of the gross sale price in case filer and 15% of the gross sale price non filer will be collected from successfully bidders and deposited into the Government Treasury through income Tax Challan. The Competent authority reserves the right to accept or reject the highest bid assigning any reason. In case, said auction is not successful on 22-01-2018 the same auction will be re-conducted on 29-01-2018 at 10:00 am.