



TEN MORE PhD SCHOLARS PRODUCED BY UAF

On the recommendations of the external examiners and after fulfilling all the requirements, Raza Ejaz S/O Ejaz-Ur-Rahman, Reg. No. 2011-ag-3363, Institute of Agricultural Extension, Education & Rural Development, Faculty of Social Sciences, Rabbia Nawaz D/O Muhammad Nawaz, Reg. No. 2011-ag-3545, Institute of Agricultural Extension, Education & Rural Development, Faculty of Social Sciences, Zuhair Qamar S/O Qamar Saeed, Reg. No. 2006-ag-2236, Department of Farm Machinery and Power, Faculty of Agricultural Engineering and Technology, Abdur Rehman Shahzad S/O Dr. Anwar ul Haq, Reg. No. 2001-ag-1974, Department of Rural Sociology, Faculty of Social Science, Muhammad Abdullah Malik S/O Malik Rahmatullah Nasir, Reg. No. 2009-ag-3468, Department of Parasitology, Faculty of Veterinary Science, Rabia Saif D/O Muhammad Saif, Reg. No. 2012-ag-3251, Department of Plant Breeding and Genetics, Faculty of Agriculture, Muhammad Zafarullah Kazim S/O Hafiz Muhammad Hayat, Reg. No. 2019-ag-2621, Department of Physics, Faculty of Sciences, Waqas Mohy-Ud-Din S/O Ghulam Mohy-Ud-Din, Reg. No. 2015-ag-559, Institute of Soil and Environmental Sciences, Faculty of Agriculture, Riffat Shamim Aslam D/O Muhammad Aslam, Reg. No. 2000-ag-710, Institute of Microbiology, Faculty of Veterinary Science, Hina Saleem D/O Muhammad Saleem, Reg. No. 2011-ag-3099, Department of Plant Breeding & Genetics, Faculty of Agriculture, have passed the final examination for the degree of Doctor of Philosophy. The Vice Chancellor is pleased to sanction their admission to the degree of Doctor of Philosophy 2023. The title of their thesis are, "Training needs assessment of farmers regarding conservation agriculture in potohar region of Punjab, Pakistan", "An analysis of food security and poverty status among Households in the Punjab, Pakistan", "Development and modeling of solar assisted milk powder spray dryer for decentralized applications", "Influences of knowledge, attitude, skills and socio-economic status of farmers on their decision making for adoption of information communication technology (ICT) in rural Punjab, Pakistan", "Epizootiology and functional genomics of *Aedes aegypti* for alternate control strategies in selected study districts of Punjab, Pakistan", "Genetic analysis of earliness, yield, oil quality related traits and DNA based hybrid authentication in sunflower (*Helianthus annuus* L.)", "Physical properties of barium based double perovskite compounds by density functional theory", "Ascertaining the role of plant growth promoting rhizobacteria for glyphosate degradation", "Production and therapeutic potential of bacteriocin produced by indigenous isolates of *Bacillus subtilis*", "Development of sesame (*Sesamum indicum* L.) germplasm for high yield, shattering resistance and better oil quality", respectively. Now the PhD club raised up to 2267.

ASSUMPTION OF CHARGE

Prof. Dr. Azeem Iqbal Khan has assumed the charge as Chairman of the Department of Plant Breeding and Genetics w.e.f. 17-06-2023 (F.N.). In future, all official and demi-official correspondence may please be addressed to him.

SITUATION VACANT

1. Applications are invited for the one (1) post of MS/M.Phil. Student @ 16,000/- per month for the period of 6 months in HEC under CPEC funded research project titled "Comparative agronomic appraisal of exotic Chinese and local Hemp (*Cannabis sativa* L.) for better fiber quality traits and large-scale commercialization in Pakistan". The appointment will be purely on contract basis. Applicants are required to be student of M.Sc. (Hons.) Agronomy/PBG. Application on UAF-prescribed format (available at www.uaf.edu.pk) along with one most recent attested photograph and attested copies of academic certificates, degrees, testimonials, detailed mark certificates and experience certificates with specific dates (if any) should reach in the office of Dr. Saddam Hussain, Department of Agronomy, UAF during office hours within 7 days after the publication of this notice. Applications either incomplete or received after due date will not be entertained. The University reserves the right not to fill vacancy without assigning any reason.
2. Applications are invited for the one (1) post of Undergraduate Student @ 12,000/- per month for the period of 12 months in HEC under CPEC funded research project titled "Comparative agronomic appraisal of exotic Chinese and local Hemp (*Cannabis sativa* L.) for better fiber quality traits and large-

scale commercialization in Pakistan". The appointment will be purely on contract basis. Applicants are required to be student of B.Sc. (Hons.) PBG/Textile Technology/Agronomy. Application on UAF-prescribed format (available at www.uaf.edu.pk) along with one most recent attested photograph and attested copies of academic certificates, degrees, testimonials, detailed mark certificates and experience certificates with specific dates (if any) should reach in the office of Dr. Saddam Hussain, Department of Agronomy, UAF during office hours within 7 days after the publication of this notice. Applications either incomplete or received after due date will not be entertained. The University reserves the right not to fill vacancy without assigning any reason.

3. Applications are invited for the one (1) post of DPL (Unskilled) (as per HEC prescribed rates; @ 25,000/- per month) for the period not exceeding 89 days in HEC under CPEC funded research project titled "Comparative agronomic appraisal of exotic Chinese and local Hemp (*Cannabis sativa* L.) for better fiber quality traits and large-scale commercialization in Pakistan". The appointment will be purely on daily wages basis. Application on plain paper alongwith attested copy of CNIC should reach in the office of Dr. Saddam Hussain, Department of Agronomy, UAF during office hours within 7 days after the publication of this notice. Applications either incomplete or received after due date will not be entertained. The University reserves the right not to fill vacancy without assigning any reason.
4. Applications are invited for the one (1) post of Researcher @ Rs. 61,000/- per month for the period of 11 months in UKRI funded research project titled "UKRI GCRF South Asian Nitrogen Hub". The appointment will be purely on contract basis. Applicants are required to have qualification of Masters (18 years) in Environmental Science / Soil Science / Climate Change/Botany. Application on UAF-prescribed format (available at www.uaf.edu.pk) along with one most recent attested photograph and attested copies of academic certificates, degrees, testimonials, detailed mark certificates and experience certificates with specific dates (if any) should reach in the office of Dr. Abdul Wakeel, Associate Professor/ PI, Institute of Soil & Environmental Sciences, UAF during office hours within 7 days after the publication of this notice. Applications either incomplete or received after due date will not be entertained. The University reserves the right not to fill vacancy without assigning any reason.

PhD THESIS/SYNOPSIS DEFENCE

1. Hamza Hassan Khan, Regd. No. 2012-ag-2592, a PhD student in the Department of Theriogenology, UAF will be held on 22-06-2023 at 10:00 am in the Meeting room of the Faculty of Veterinary Science, UAF. The title of his synopsis is "Field tracking and molecular probing of endometritis associated *Pseudomonas aeruginosa* and *Escherichia coli* population in cattle and in vitro evaluation of curcumin nanoparticles as a new therapeutic strategy". All interested participants are cordially invited.
2. Miss Aliza Ali, Regd. No. 2014-ag-3997, PhD, Department of Clinical Medicine and Surgery, will defend her synopsis entitled "Clinico-Epidemiological investigation of Severe Acute Respiratory Syndrome Corona Virus 2 and Hepatitis E Virus in Selected Companion Animals Population" on 22-06-2023 at 11:00 am in Seminar Room of Faculty of Veterinary Science. All faculty members and their PhD students are cordially invited to participate in the seminar for their valuable suggestions.
3. Mr. Muhammad Zunair Latif, Regd. No. 2011-ag-3950, a student in Department of Plant Pathology, Faculty of Agriculture will defend his PhD thesis at University level on 21-06-2023 at 11:00 am in the DLC-2, UAF. The title of his thesis is "Shisham dieback disease: Operational taxonomy of fungal pathogen(s) and disease management".
4. Mr. Abdul Qadeer, Regd. No. 2009-ag-2437, PhD student of the Institute of Soil and Environmental Sciences will defend his thesis in a seminar at the University level on 03-07-2023 at 09:30 am in the Library, Institute of Soil and Environmental Sciences, Faculty of Agriculture. The title of his thesis is "Fertilizer use efficiency of NP-based formulated fertilizer in maize (*Zea mays* L.) applied through soil, fertigation and foliar". All the faculty members are requested to attend the presentation.
5. Miss Hafiza Iqra Khalid, Regd. No. 2010-ag-3391, PhD student of the Institute of Soil and Environmental Sciences will defend her thesis at the University level on 26-06-2023 at 11:00 am in the Library of the Institute of Soil and Environmental Sciences. The title of her thesis is "Synthesis and application of nanoparticles for the remediation of cadmium contaminated soil during wheat growth". All the faculty members are requested to attend the presentation.
6. Ms. Zoya Nazish, Regd. No. 2012-ag-711, a PhD student in the Department of Botany has successfully defended her thesis on 19-06-2023. The title of her thesis is "Invasive success of *Parthenium hysterophorus* L. *Prosopis glandulosa* Torr. and *Dodonaea viscosa* Jacq. From the Punjab, Pakistan".
7. Mr. Muhammad Adeel Younas, Regd. No. 2010-ag-1449, PhD Scholar Department of Physics, has successfully defended his synopsis titled "Generation of Surface Plasmon Polaritons in Cylindrical Waveguides" as required under the rules on 31-05-2023.
8. Miss Mehreen Gull, Regd. No. 2020-ag-1032, PhD Zoology student of the Department of Zoology, Wildlife & Fisheries has successfully defended her synopsis titled "Genetic Monitoring of *Mystus seenghala* populations in Punjab, Pakistan by using Microsatellite Markers" as required under the rules on 12-06-2023. This topic has been modified with minor alterations in response to suggestions given during synopsis defense as "Microsatellite loci based analysis molecular variance in populations of *Mystus seenghala*".
9. Miss Bushra, Regd. No. 2020-ag-1060, PhD Zoology student of the Department of Zoology, Wildlife & Fisheries has successfully defended her synopsis titled "Genetic Assessment of *Channa marulius* (Hamilton, 1822) populations in Punjab, Pakistan as revealed by SSR Markers" as required under the rules on 12-06-2023. This topic has been modified with minor alterations in response to suggestions

- given during synopsis defense as “Population genetics of *Channa marulius* (Hamilton, 1822) in riverine stocks based on microsatellite loci analysis”.
10. Miss Mehreen Malik, Regd. No. 2019-ag-422, PhD student of the Institute of Soil and Environmental Sciences has successfully defended her synopsis in a seminar at the University level on 23-05-2023. The title of her synopsis is “Drought and salinity impacts on rhizo-microbial activities in maize crop”.
 11. Mr. Arbaz Khan, Regd. No. 2018-ag-323, is a PhD student has successfully defended his synopsis on 08-06-2023. The title of her synopsis is “Towards developing a knowledge base of potato virus Y strains prevalent in Punjab province and their management”.
 12. Mr. Muhammad Faheem, Regd. No. 2020-ag-1375, PhD Biochemistry student of the Department of Biochemistry has successfully defended her synopsis entitled “Targeted CRISPS/Cas-mediated genome editing of late blight susceptible genes to develop disease resistance in potato” as required under the rules on 25-05-2023.
 13. Ms. Anam Niamat, Regd. No. 2020-ag-1336, PhD Biochemistry student of the Department of Biochemistry has successfully defended her synopsis entitled “Optimizing targeted genome editing to regulate postharvest associated quality traits in potato tubers” as required under the rules on 25-05-2023.
 14. Mr. Mudassar Iqbal, Regd. No. 2001-ag-990, PhD student of the Department of Plant Breeding and Genetics has successfully defended his PhD synopsis titled “Breeding pea (*Pisum sativum* L.) for improved productivity, powdery mildew tolerance and wide adaptation” on 25-05-2023.
 15. Miss Tayyiba Aliyam, Regd. No. 2012-ag-814, PhD Chemistry student of the Department of Chemistry has successfully defended her thesis entitled “Removal of Synthetic dyes from aqueous solution using hybrid materials” as required under the rules on 14-06-2023.
 16. Mr. Husnain Riaz, Regd. No. 2020-ag-746, PhD student of the Institute of Soil and Environmental Sciences has successfully defended his synopsis in a seminar at the University level on 23-05-2023. The title of his synopsis is “Carbon and Nitrogen Budgeting in Different Rice Production Systems”.
 17. Miss. Ayesha Farzand, Regd. No. 2015-ag-6979, PhD student of the Institute of Soil and Environmental Sciences has successfully defended her synopsis in a seminar at the University level on 23-05-2023. The title of her synopsis is “Long-term impacts of conservation agricultural practices on carbon sequestration in wheat-maize cropping system”.
 18. Miss Alisha, Regd. No. 2019-ag-419, PhD student Institute of Soil and Environmental Sciences has successfully defended her synopsis in a seminar at the University level on 23-05-2023. The title of her thesis is “Green synthesis of nanomaterials for effective degradation of synthetics dyes, waste-water treatment and risk assessment”.
 19. Mr. Muhammad Usama Mustafa, Regd. No. 2016-ag-6027, PhD student at the Institute of Soil and Environmental Sciences has successfully defended his synopsis in a seminar at the University level on 23-05-2023. The title of his thesis is “Phytoremediation of marginal lands by integrating glycophytes with halophytes for sustainable agroecosystem”.
 20. Mr. Muhammad Umair Shafique, Regd. No. 2010-ag-3419, PhD student of the Institute of Horticultural Sciences has successfully defended his PhD thesis held on 02-06-2023. The title of his thesis is “Diversity and compositional study of urban trees: An approach for developing sustainable plantation in Faisalabad”.
 21. Miss Mehak Shehzad, Regd. No. 2011-ag-3354, PhD student of the Institute of Horticultural Sciences has successfully defended her PhD thesis held on 02-06-2023. The title of her thesis is “Role of roof garden in urban sustainability: A Case Study”.
 22. Mr. Faheem Tariq, Regd. No. 2016-ag-8401, a student of PhD Computer Science, Department of Computer Science, UAF has successfully defended his synopsis on 31-05-2023. The title of his synopsis was “Development of a Decentralized Crop Insurance System Using AI and Blockchain Technology”. The Supervisory Committee has approved his synopsis with minor change in the title i.e. “Development of a Decentralized Agriculture Risk Management System Using AI and Blockchain Technology”.
 23. Mr. Muhammad Ikram, Regd. No. 2018-ag-406, is a PhD student has successfully defended his synopsis on 08-06-2023. The title of his synopsis is “Vegetable Viruses: Tomato and Pepper Virus Survey in Punjab Province”. This title has been modified with minor alterations in response to suggestions given by Supervisory committee and faculty members during synopsis defense as “Identification and characterization of viruses impacting tomato (*Solanum lycopersicum* L.) and chilli (*Capsicum frutescence* L.) production in Punjab”.
 24. Miss Fatima Feroz, Regd. No. 2016-ag-6381, PhD student of the Institute of Soil and Environmental Sciences has successfully defended her synopsis in a seminar at the University level on 23-05-2023. The title of her synopsis is “Assessment of nitrogen fate in rice-wheat cropping system using APSIM model”.
 25. Miss Saba Parwaiz, Regd. No. 2018-ag-368, is a PhD student has successfully defended her synopsis on 08-06-2023. The title of her synopsis is “Harnessing genomic resources for *Citrus tristeza* virus disease management”.
 26. Miss Ruqia Fatima, Regd. No. 2020-ag-1003, is a PhD student has successfully defended her synopsis on 04-04-2023. The title of her synopsis is “Use of different organic amendments to enhance maize tolerance against metal stresses”. The title has been modified with alterations in response to suggestions given by Supervisory committee and faculty members during synopsis defense as “Improving thermotolerance in Maize (*Zea mays* L.) through organic soil amendments”.

27. Miss Sabahat Khalid, Regd. No. 2019-ag-366, PhD student of Institute of Microbiology has successfully defended her PhD synopsis entitled "Evaluation of antiviral activity of Emetine against Newcastle disease virus and Fowl Adenovirus" on 12-06-2023. During her synopsis defense changes in synopsis title were suggested and the revised synopsis title is "Evaluation of antiviral activity of Emetine and Apigenin against Newcastle disease virus and Fowl Adenovirus".
28. Mr. Faisal Yousaf, Regd. No. 2020-ag-1372, PhD Biochemistry student of the Department of Biochemistry has successfully defended his synopsis entitled "Cancer Cell Apoptosis by PD-L1/PD-1 Inhibition Through Highly Targeting Antibody-Nanoparticle Conjugate" as required under the rules on 05-06-2023. Furthermore, all teachers physically present in this defense.
29. Mr. Muhammad Saad Tariq, Regd. No. 2020-ag-430, PhD Pharmacology student of Institute of Physiology and Pharmacology, has successfully defended his PhD synopsis. A minor change has been made in title. The title is "Investigating the therapeutic potential of hispidulin against high-fat diet associated streptozotocin-induced metabolic dysfunctioning in rat model" on 12-06-2023.
30. Ms. Zainab Ali, Regd. No. 2019-ag-2319, PhD Biochemistry student of the Department of Biochemistry has successfully defended her synopsis entitled "Nanoparticle based delivery of engineered CRISPR/Cas9 system to counter antibiotic resistance against pathogenic bacteria" as required under the rules on 26-05-2023. Furthermore, all teachers were physically present in this defense.
31. Ms. Uswa Ali, Regd. No. 2019-ag-2318, PhD Biochemistry student of the Department of Biochemistry has successfully defended her synopsis entitled "Regulation of *VEGFR2* gene by CRISPR/Cas9 nanocomposite system to inhibit aggressive hepatocellular carcinoma" as required under the rules on 26-05-2023. Furthermore, all teachers were physically present in this defense.
32. Miss Tahreem Fatima, Regd. No. 2017-ag-4117, is a PhD student and she has successfully defended her synopsis on 25-05-2023 as required under the rules. But there is a bit change in her title of synopsis previous one was "Performance of trehalose to mitigate the adverse effect of arsenic stress on wheat". But now the topic is "Performance of trehalose to mitigate the adverse effect of arsenic stress on wheat (*Triticum aestivum* L.)".
33. Miss Rimsha Kanwal, Regd. No. 2019-ag-2025, is a PhD student and she has successfully defended her synopsis on 25-05-2023. The title of her synopsis is "Unlocking the role of melatonin to alleviate nickel phytotoxicity in sunflower (*Helianthus annuus* L.)".
34. Miss Farah Rasheed, Regd. No. 2018-ag-371, is a PhD student has successfully defended her synopsis on 08-06-2023. The title of her synopsis is "Identification and molecular characterization, and control of viruses of soybean for enhancing the virus-free status of the soybean breeding program". This title has been modified with minor alterations in response to suggestions given by Supervisory committee and faculty members during synopsis defense as "Identification, molecular characterization and management of Soybean viruses".
35. Ms. Kashaf Yaseen, Regd. No. 2011-ag-3809, a PhD Student of the Institute of Microbiology, Faculty of Veterinary Sciences has successfully defended her PhD thesis entitled "Comparative Molecular Virulence Typing and Antibiotic Resistance of *Campylobacter* Species at the Human-Animal-Environment Interface" on 06-06-2023.

TENDER NOTICE NO. 14 /2023

Sealed tenders are invited from the firms/contractors Pre-qualified with the University of Agriculture, Faisalabad (UAF) for the following works of University of Agriculture, Faisalabad (UAF) and registered with Pakistan Engineering Council (PEC) in the relevant category of the works on the **Item Rate** (DNIT-Basis) or the **Percentage Rate (MRS-1st Bi Annual 2023 / TS-Estimate)** circulated by the Finance Department, Government of the Punjab as per PPRA rules.

Last date for the submission of Tender Documents: 05-07-2023			02:30 p.m.	
Date of Opening: 05-07-2023			03:00 p.m.	
Name of Work	Amount (Rs.)	Bid security @ 2% of Estimated Price	Tender Fee (Rs.)	Time Limit
Construction of underground chamber for storage of Bio-Gas at PARS, UAF.	2,697,670/-	53,953/-	500/-	One Month

Tender Documents can be obtained on payment of prescribed tender fee (Rs.500) into the account No. 11-9/NBP (NDIA), Agri. University Branch through E-Challan Form issued by the Office of Treasure, UAF from the office of the Executive Engineer ECD-M UAF or free download from the UAF website <http://web.uaf.edu.pk/Main/Tenders> and at PPRA website. Tender rate and amount should be filled in figure as well as in words and tender should be signed and stamped by the vender. The bid must be dropped in the Tender Box available in office of Principal Officer, ECD-M UAF and not to be handed over to any person of the ECD-M, UAF if the bid is sent by in person or through post, the same instructions should be passed on the Representative/Courier/Postal Services etc. The UAF will not be responsible for any cost and expense incurred by the bidder in connection with the preparation or delivery of bids. In case of official holiday on the day of submission, the next day will be treated as closing date. Conditional tender or tender without bid security@ 2% of tender estimated cost in shape of CDR issued by a scheduled bank in favor of Executive Engineer (ECD-M), UAF will not be entertained.