

TWELVE MORE PhD SCHOLARS PRODUCED BY UAF

On the recommendations of the external examiners and after fulfilling all the requirements, Nida Kanwal D/O Muhammad Ramzan, Reg. No. 2007-ag-1121, National Institute of Food Science and Technology, Faculty of Food Nutrition & Home Sciences, Muhammad Usman Ibrahim S/O Muhammad Ibrahim, Reg. No. 2011-ag-3641, Department of Agronmy, Faculty of Agriculture, Maryam Hanif D/o Rana Muhammad Hanif Khan, Reg. No. 2014-ag-1991, Department of Chemistry, Faculty of Sciences, Shafqat Ali S/O Muhammad Ibrahim, Reg. No. 2006-ag-1737, Department of Plant Pathology, Faculty of Agriculture, Muhammad Asif Rafiq S/O Muhammad Rafiq, Reg. No. 97-ag-1746, Department of Biochemistry, Faculty of Sciences, Muhammad Irshad S/O Qazi Abdul Karim, Reg. No. 2014-ag-8386, Department of Botany, Faculty of Sciences, Muhammad Nadeem S/O Muhammad Din, Reg. No. 2011-ag-3698, Institute of Soil and Environmental Sciences, Faculty of Agriculture, Khadija Riaz D/o Riaz Husain Nadeem, Reg. No. 2015-ag-3209, National Institute of Food Science and Technology, Faculty of Food, Nutrition and Home Sciences, Mariam Saeed D/o Saeed Ahmad, Reg. No. 2017-ag-3725, Department of Physics, Faculty of Sciences, Bushra Ishfaq D/O Muhammad Ishfaq, Reg. No. 2003-ag-1755, National Institute of Food Science and Technology, Faculty of Food Nutrition & Home Sciences, Faisal Rasheed Anjum S/O Rasheed Ahmed Anjum, Reg. No. 2009-ag-3381, Institute of Microbiology, Faculty of Veterinary Science, Shabbir Hussain S/O Muhammad Bashir, Reg. No. 2010-ag-3272, Centre of Agricultural Biochemistry and Biotechnology, 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 2022. The title of their thesis are, "Characterization of different barley varieties for potential use in value added baked products", "Exploiting the hormetic potential of different crop water extracts for enhancing drought tolerance in wheat", "Support coated catalytic materials for biodiesel production", "Characterization of biochemical, physiological and environmental factors conducive for the development of early blight disease of tomato and its management", "Biofilm and quorum sensing inhibitory potential of natural and synthetic compounds against sinusitis isolates", "Distribution ecology and adaptive components for environmental heterogeneity in blue panic (Panicum antidotale Retz.)", "Nutrients and oxidative stress management of bread wheat (Triticum aestivum L.) by exogenously applied silicon under saline and water stress conditions", "Therapeutic efficacy of spirulina against stress biomarkers in induced asthma animal model", "characteristics of dispersion curve of circular cylindrical graphene layered metamaterial waveguide", "Exploring okra (Abelmoschus esculentus) for cardio protective effect and end use perspectives", "Production and therapeutic application of interferon for the control of Newcastle disease and avian influenza in chicken", "Genome wide association studies (GWAS) of heat tolerance in wheat (Triticum aestivum L.)", respectively. Now the PhD club raised up to 2216.

UNIVERSITY DUES FOR SPRING SEMESTER

The students are intimated to deposit the University dues for Spring Semester 2022-23 (Morning, Evening & Self Finance) as per following schedule:- Discipline: Enrollment/University dues for Under & Postgraduate students (all degree programs) without fine is 17-01-2023 to 24-01-2023 and with late fee fine Rs. 600/- is 25-01-2023.

SITUATION VACANT

- 1. Applications are invited for 2 posts of DPL (as per prescribed rate of UAF) for not exceeding 89 days in the EFS funded project entitled "Developing prototype of real-time water monitoring and transmission system for irregular cross-sections". The appointment will be on DPL basis. Applications on plain paper along with one most recent attested photograph and attested copies of academic certificates, degrees, testimonials, detailed mark certificates and experience certificates with specific (if any) dates should reach in the office of Dr. Muhammad Uzair Qamar, Assistant Professor, Department of Irrigation & Drainage, UAF during office hours within 5 days after the publication of this notice. Applications either incomplete or received after due date will not be entertained. Experience of already working on such a project will be considered as an asset. The University reserves the right not to fill vacancy without assigning any reason".
- Applications are invited for 1 post of DPL (as per prescribed rate of UAF) for not exceeding 89 days in the EFS funded project entitled "Appraisal of Hispidulin in downregulation of hyperglycemia; a novel therapeutic approach". The appointment will be on DPL basis. Applications on plain paper along with one

most recent attested photograph and attested copies of academic certificates, degrees, testimonials, detailed mark certificates and experience certificates with specific (if any) dates should reach in the office of Dr. Wafa Majeed, Lecturer, Department of Pharmacy, 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.

ADVANCED MASTER'S PROGRAMMES AT UNIVERSITY OF ANTWERP

The Institute of Development Policy (IOB) of the University of Antwerp offers three full fulltime one-year advanced Master's programmes with a high degree of specialization and a distinct focus: "Development Evaluation and Management; "Governance and Development' and' Globalization and Development. The aim of the Master's programmes is to offer policy-oriented education that incorporates the latest insights from social science disciplines relevant to the development challenge. The target group consists mainly of junior and mid-career development professionals, working in (inter)national NGOs, academia, government institutions from the global South Whose previous academic background and career record suggest that they will significantly profit from an advanced international education. Several scholarships for these development professionals are available. Recently graduated master students without work experience can also apply for the master programmes. Thanks to government subsidies, IOB's enrolment fee is very reasonable. More information can be found on; http://www.uantwerpen.be/development-studies. Please don't hesitate to contact us for any further information. iob@uantwerpen.be/oux.uantwerpen.be/iob.

SELF ASSESSMENT REPORT (BPS/TTS)

In continuation of this office letter No.PS-1/22845-55 dated 01.12.2022, Director HR directed to remind you that the SARs for the year 2022 needs to be completed, by 31st January 2023, giving necessary details and proofs of teaching, research projects, research publications (alongwith DOI). A hard copy instead of online, endorsed by HOD must be submitted to the concerned Dean office for verification by 15th February 2023. Declaration of wrong information/claims may lead to disqualification, with advisory note. All SARs (BPS/TTS) must be forwarded in the office of the Director HR upto 28.02.2023 (during working hours) for submission to the Vice Chancellor's office.

PLACEMENT OF PhD THESIS FOR PEER REVIEW

- PhD thesis of Miss Rabia Shaheen, Regd. No. 2015-ag-2263, will be placed in the office of the Chairman, Department of Chemistry for one week 11-01-2023 to 18-01-2023 prior its submission for foreign evaluation. The faculty and the students are invited to pursue the thesis for any suggestions/corrections. The suggestions received if any will be incorporated through the supervisory committee. Title: "Design, Fabrication and Screening of Composites for water treatment".
- 2. Mr. Mortala Boye, Regd. No. 2018-ag-5579, a PhD student of the Institute of Business Management Sciences will placed his PhD thesis for peer review in the office of the Director/Incharge, IBMS. The thesis will be available for peer review for one week after the publication of this notice. The title of his thesis is "Unveiling the Drivers of Agripreneurial Behaviour, Performance, and Challenges in The Gambia, West Africa".
- 3. PhD thesis of Miss. Hafiza Anam Asghar, Regd. No. 2012-ag-3880, a PhD scholar of National Institute of Food Science & Technology, UAF will place her PhD thesis entitled "Exploring the Prophylactic Potential of Azadirachta indica to Tackle Physiological Disorders" w.e.f. 11-01-2023 to 19-01-2023 in the Department Library at National Institute of Food Science & Technology, UAF. The faculty and students are invited to peruse the thesis for any correction and improvement please.
- 4. PhD thesis of Mr. Umar Rehman, Regd. No. 2012-ag-3905, a PhD scholar of National Institute of Food Science & Technology, UAF will place his PhD thesis entitled "Exploring the Therapeutic Potential of Curcuma longa Against Metabolic Disorders" w.e.f. 11-01-2023 to 19-01-2023 in the Department Library at National Institute of Food Science & Technology, UAF. The faculty and students are invited to peruse the thesis for any corrections and improvement please.
- 5. PhD thesis of Miss, Farah Ejaz, Regd. No. 2011-ag-3408, entitled "Additive effect of different organic and inorganic soil amendments on arsenic mobility and accumulation of selected nitrogen fixing tree species" will be placed in the office of Chairman, Department of Forestry and Range Management for one week i.e. from 10-01-2023 to 17-01-2023. The faculty and students are invited to review the thesis for positive criticism and suggestions.
- 6. PhD thesis of Miss Ayesha Mushtaq, Regd. No. 2013-ag-732, will be placed in the office of the Chairman, Department of Chemistry for one week 11-01-2023 to 18-01-2023 prior its submission for foreign evaluation. The faculty and the students are invited to peruse the thesis for any suggestions/corrections. The suggestions received if any will be incorporated through the supervisory committee. Title: "Development of methodology for molecular crystallization of menthol from various mint varieties".

PhD THESIS/SYNOPSIS DEFENCE

- Miss Fareeha Haq, Regd. No. 2014-ag-2059, a student of PhD Computer Science, UAF, will defend her synopsis on 12-01-2023 at 10:30 am in Department of Computer Science. The title of her synopsis is "Development of Knowledge Based Methods for Improvement of Drug Design Protocols". Interested faculty members and student are invited to attend the event.
- 2. Maria Khalid, Regd. No. 2017-ag-1587, a PhD student Faculty of Social Sciences couldn't redefend her synopsis on 06-01-2023 due to absence of one her committee member. She will redefend her synopsis in PhD seminar room, Department of Rural Sociology, on 11-01-2023 at 03:30 pm. The topic of her synopsis is "Wastewater Irrigation: Assessing the Community's Behavior towards Health Impacts and Risk Reduction Strategies in Punjab, Pakistan". Members of supervisory committee are requested to make it convenient to attend and evaluate. All interested persons may participate in this synopsis defense.

- 3. Mr. Aamir Iqbal, Regd. No. 2017-ag-1563, a PhD student in the Department of Rural Sociology, Faculty of Social Sciences will defend his synopsis in PhD Seminar Room, Department of Rural Sociology, on 11-01-2023 at 03:00 pm. The topic of his synopsis is "Climate Smart Agriculture: Assessing the Farmers' Awareness and Adaptive Behavior towards Environment Friendly Agriculture Practices". Member of supervisory committee are requested to make it convenient to attend and evaluate All interested persons may participate in this synopsis defense.
- 4. Mr. Sadam Munawar, Regd. No. 2009-ag-3018, a PhD student at CABB will defend his PhD thesis at University level on 11-01-2023 at 11:00 am in the DLC-2, Faculty of Agriculture. The title of his PhD thesis is "Development of novel *Bt* gene(s) through domain hybridization and their functional characterization". All interested are invited.
- 5. Miss Fariha Fatima, Regd. No. 2014-ag-5550, will defend her PhD synopsis entitled "Association between antimicrobial use and resistance in *Escherichia coli* isolates from broiler birds: A longitudinal study" on 12-01-2023 at 10:00 am in seminar room of Faculty of Veterinary Sciences.
- 6. Mr. Ali Zohaib, Regd. No. 2015-ag-6748, PhD student of the Department of Plant Breeding and Genetics has successfully defended his PhD synopsis titled "Diversity and stability studies of Chenopodium quinoa genetic resources for sustainable production" on 04-01-2023.
- 7. Mr. Tasawar Iqbal, Regd. No. 2018-ag-1930, PhD Pharmacology student of Institute of Physiology and Pharmacology will defend his PhD synopsis entitled "Platelet membrane coated polymeric nanocarriers: A novel drug delivery approach for the targeted therapy of rheumatoid arthritis" on 11-01-2023 at 10:30 am in the Faculty Museum, Faculty of Veterinary Science.
- 8. Miss Aiza Kamal Khan, Regd. No. 2019-ag-379, PhD Physiology student of Institute of Physiology and Pharmacology, will defend her PhD synopsis entitled "Antiproliferative efficacy of Figonia indica against arsenic induced acute liver injury" on 11-01-2023 at 10:00 am in the Faculty Museum, Faculty of Veterinary Science.
- 9. Miss Ifraha Abbas, Regd. No. 2019-ag-381, PhD Pharmacology student of Institute of Physiology and Pharmacology, will defend her PhD synopsis entitled "Phytochemical profiling and appraisal of Salsola imbricate in modulation of metabolic alterations in induced rat model" on 11-01-2023 at 11:00 am in the Faculty Museum Faculty of Veterinary Science.
- 10. Ms. Sajila Sahar, Regd. No. 2010-ag-2668, PhD student of the Department of Plant Breeding and Genetics has successfully defended her PhD thesis on 08-12-2022. The title of her thesis is "Breeding potential of *Sorghum* bicolor for biomass and biofuel related traits".
- 11. The synopsis defense of Miss Huma Nasir, Regd. No. 2014-ag-4867, a PhD student in the Institute of Microbiology, UAF, will be held on 12-01-2023 at 01:30 pm in the Faculty Meeting Room, Faculty of Veterinary Science, UAF. The research title of her PhD synopsis is "One health approach to study prevalence of MRSA in dairy farms, animals and LA-MRSA in associated human workers".
- 12. Miss Hafiza Arooj Kanwal, Regd. No. 2013-ag-2592, PhD Pharmacology student of Institute of Physiology and Pharmacology, will defend her PhD synopsis entitled "Investigating the therapeutic potential of hispidulin in attenuation of metabolic impairment against nicotinamide-streptozotocin induced insulin resistance rat model" on 11-01-2023 at 11:30 am in the Faculty Museum, Faculty of Veterinary Science.
- 13. Ms. Riffat Shamim Aslam, Regd. No. 2000-ag-710, PhD student of Institute of Microbiology will defend her PhD thesis entitled, "Production and therapeutic potential of bacteriocin produced by indigenous isolates of *Bacillus subtilis*" on 16-01-2023 at 11:00 am in the Seminar room, Faculty of Veterinary Science, UAF. All the faculty members, students and other interested are invited for constructive and valuable suggestions.
- 14. The synopsis defense of Usman Zafar, Regd. No. 2013-ag-4546, a PhD student in the Department of Irrigation and Drainage, Faculty of Agricultural Engineering and Technology, UAF will be held on 12-01-2023 at 09:00 am in the Faculty Library, UAF. The title of his synopsis is "Optimization of Tarbela reservoir operation using HEC-Wat framework under changing climate and downstream implications". All interested faculty members and students are cordially invited to attend the seminar/synopsis defense.
- 15. Mr. Muhammad Salman, Regd. No. 2011-ag-2090, a PhD student from the Institute of Agricultural Extension, Education & Rural Development has successfully defended his synopsis with minor change in title on 29-12-2022. Existing title: "Contemporary Trends of Agricultural Journalism in the Adoption of Agricultural Innovations in District Faisalabad, Punjab, Pakistan" Proposed Title: "Contemporary Trends of Journalism in Adoption of Agricultural Innovations in Mixed Cropping Zone of the Punjab, Pakistan".
- 16. Ms. Maryam Razzaq, Regd. No. 2019-ag-1393, PhD student of the Department of Plant Breeding and Genetics has successfully defended her PhD synopsis titled "Genomics behind Quinoa seed priming, dormancy and longevity" on 06-01-2023.
- 17. Mariam Fatima, Regd. No. 2014-ag-5492, a PhD student in the Department of Entomology has successfully defended her PhD synopsis at University level on 06-01-2023 having old title as "Silicon supplementation of maize in integration with Bio-Control agent against fall armyworm (Spodoptera frugiperda). She successfully defended her synopsis defense with minor changes in title as "Silicon supplementation of maize in integration with growth regulating insecticide and Bio-Control agent against fall armyworm, *Spodoptera frugiperda* (J.E. Smith)" as suggested by defense supervisory committee.
- 18. Miss Amna Maqsood, Regd. No. 2019-ag-2492, a PhD student of CABB has successfully defended her synopsis on 06-01-2023. The title of her synopsis is "Molecular characterization, resistance strategy and diversity analysis of soybean infecting geminiviruses in Pakistan". After discussion the newly proposed title is "Molecular characterization and diversity analysis of soybean infecting geminiviruses in Pakistan".

- 19. Shahaba Tehreem, Regd. No. 2017-ag-2954, a PhD student in the Department of Zoology, Wildlife and Fisheries has successfully defended her PhD synopsis at University level on 06-01-2023 as required under
 - the rules. She successfully defended her synopsis with some changes suggested by the attendees/members of the committee in title as "Biorational Management of Brinjal Shoot and Fruit Borer (*Leucinodes Orbonalis*)".
- 20. Ms. Hasooba Hira, Regd. No. 2015-ag-1245, a PhD student from the Department of Zoology, Wildlife, and Fisheries, doing her PhD research in the Department of Entomology, UAF under the supervision of Dr. Zain ul Abdin, has successfully defended her PhD synopsis on 09.01.2023 as required under the rules. The title of her PhD synopsis was "FUNCTIONAL AND MOLECULAR SCREENING OF BIOACTIVE GENES/PEPTIDES FROM INDIGENOUS FAUNA OF PARASITIC HYMENOPTERA FOR THE DEVELOPMENT OF SUSTAINABLE INSECT CONTROL TOOLS".
- 21. Ms. Shanza Nawaz, Regd. No. 2017-ag-2927, a PhD student from the Department of Zoology, Wildlife, and Fisheries, doing her PhD research in the Department of Entomology, UAF under the supervision of Dr. Zain ul Abdin, has successfully defended her PhD synopsis on 06.01.2023. During the discussion of her PhD synopsis defense, the following title was suggested and finalized "Development of an effective Wolbachia based vector control strategy against mosquito (Aedes) borne disease in Pakistan".
- 22. Sukaina Hussain, Regd. No. 2015-ag-7129, a PhD student in the Department of Entomology has successfully defended her PhD synopsis at university level on 06-01-2023. The title of her PhD synopsis is "Dengue virus Transmission cycle in comparison to case load in different high risk areas".
- 23. Ms. Syeda Eishah Tu Razia, Regd. No. 2017-ag-3025, a PhD student from the Department of Zoology, Wildlife, and Fisheries, doing her PhD research in the Department of Entomology, UAF under the supervision of Dr. Zain ul Abdin, has successfully defended her PhD synopsis on 06.01.2023. The title of her PhD synopsis was "Functional and molecular characterization of ins
 - synopsis was "Functional and molecular characterization of insecticidal peptides from the venom of indigenous species of spiders for the development of novel insect control strategies".
- 24. Miss Amina Ulfat, Regd. No. 2017-ag-1043, PhD Scholar Department of Physics, has successfully defended her synopsis entitled "Characterization of edible Oils using Machine Learning assisted Laser Induced Breakdown Spectroscopy" as required under the rules on 05-01-2023. During her synopsis defense the Supervisory Committee has suggested a minor change in her synopsis title given below:-Existing Title "Characterization of Oil using Machine Learning assisted Laser Induced Breakdown Spectroscopy" Proposed title "Characterization of edible Oils using Machine Learning assisted Laser Induced Breakdown Spectroscopy".
- 25. Mr. Shahbaz Ahmad, Regd. No. 2012-ag-994, PhD Zoology student of the Department of Zoology, Wildlife & Fisheries has successfully defended his synopsis titled "Effect of Live Feed Dietary Supplementation on Growth Performance and Health Indices of Nile Tilapia (*Oreochromis niloticus* L.)" as required under the rules on 23-12-2022. This topic has been modified with minor alterations in response to suggestions given during synopsis defense as "Influence of Partial Substitution of Dietary Fishmeal with Live Feed on Growth Performance and Health Indices of Nile Tilapia (*Oreochromis niloticus* L.)".
- 26. Mr. Rao Muhammad Aftab Jamil, Regd. No. 2014-ag-4788, PhD student of the Institute of Horticultural Sciences has successfully defended his synopsis in a seminar held on 06-01-2023. The title of his synopsis after minor change is "Exploring plant species diversity, its impact on human psychological health and ecotourism in Kaghan Valley, Pakistan".
- 27. Ms. Najma Parveen, Regd. No. 96-ag-1691, PhD student of the Department of Plant Breeding and Genetics has successfully defended her PhD thesis on 28-12-2022. The title of her thesis is "Genetic dissection of yield and related traits in Chickpea under water deficit conditions".

AUCTION NOTICE

Open auction of farm produce Sesame 23 Mound and Basmati Rice (1509) 62 Mound will be held on 30-01-2023 at Rakhbulewal Research Farm, UAF Sub Campus Depalpur, Okara. Advance tax @ 10% for (Active Tax Filer) and 20% for (Non-Filer) of the sale produce and 1/3 of the bid will be collected from the highest bidder on the spot. Remaining amount will be collected and approval of the competent authority, before taking the farm produces. All other terms and conditions about auction may be obtained from the office. (Copy of ID card and amount of refundable security (25000/-) will be collect before the auction). The Competent Authority reserves the right to accept or reject of bids without assigning any reason. All interested persons are invited to bid on said date and time. If the said auction is cancelled due to any reason than the same will be held on next Monday i,e till the successful bidding.

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