



SITUATION VACANT

Applications are invited for the following slots available for Studentships (PhD and MS/MSc. (Hons.) under the Development Project titled "Establishment of Pak-Korea Nutrition Center (PKNC) to Improve Child and Community Nutrition", 07 slots for PhD studentships, Eligibility: PhD Students of Human Nutrition & Dietetics or Food Technology @ Rs. 40,000/- per month and 14 slots for MS/MSc. (Hons.), Eligibility: MS/MSc. (Hons.)/M.Phil Students of Human Nutrition & Dietetics, Food Technology and Home Economics (Major Food & Nutrition) @ Rs. 25,000/- per month. Instructions: The candidates who fulfil the above-mentioned eligibility criteria may submit their applications with Cover Letter, Detailed CV, Attested copies of Educational Documents, Copy of University Student Card to the office of the Dean, Faculty of Food Nutrition and Home Sciences/Central Project Director, PKNC, UAF within 10 days after the publication of this notice.

NOTIFICATION

On the recommendations of Director Farms, the Vice Chancellor has approved following policy to sell the wheat produced at farms of the University as well UAF Sub Campuses (including Water Management Research Center) to employees of university as well as UAF Sub Campuses on credit:- (i) The wheat (maximum 15 maunds to each) may be sold, to the regular University employees on recommendations of their respective Chairmen Deans Directors/Incharges (ii) The price of wheat from university employees of B-16 and above will be recovered from salaries, into six equal installments and employees of B-1 to 15 into nine equal installments starting from the month of June, through the Treasurer. The Treasurer office will provide voucher and forms to the employees. (iii) The demand of wheat of university employees duly recommended by their respective Chairman/Dean/Director/ Incharge should reach to the Director Farms up to 10.06.2022. (iv) Good quality of wheat will be sold to the regular university employees at the price fixed by Government. The Director Farms will arrange cleanliness/filtration of wheat if desired by the customer. The wastage will, however, be credited to the Customer. (v) The retired employees of the University may also purchase wheat (maximum 15 maunds) for their domestic consumption from the University on cash payment.

WORKSHOP ON "BREEDING FOR BACTERIAL LEAF BLIGHT DISEASE RESISTANCE IN RICE"

The Nuclear Institute for Agriculture and Biology (NIAB) is organizing the workshop on "Breeding for Bacterial Leaf Blight Disease Resistance in Rice" on 09-06-2022. This workshop is designed to develop human resources in rice crop breeding for resistance against Bacterial leaf Blight (BLB) disease. The proposed workshop will improve breeding skills of young researchers/students through mutation breeding techniques. The pathological screening will also help to screen BLB resistant germplasm. It is an opportunity to strengthen your faculty/breeders and research students in the area of mutation breeding techniques integrated with marker assisted and pathological screening tools. The last date for applications to reach Dr. Muhammad Rashid, Deputy Chief Scientist/Organizer Group Leader Rice Group, Nuclear Institute for Agriculture and Biology (NIAB) P.O. Box 128, Jhang Road, Fsd. upto 03-06-2022.

PLACEMENT OF PhD THESIS FOR PEER REVIEW

1. PhD thesis of Ms. Hafiza Iqra Khalid, Regd. No. 2010-ag-3391, a student at Institute of Soil and Environmental Sciences, UAF will be placed in Director's office w.e.f. 03-06-2022 to 09-06-2022. The title of her thesis is "Synthesis and application of nanoparticles for the remediation of Cadmium contaminated soil during wheat growth". All academic staff/students are welcomed to read/consult and give suggestions so that thesis will be improved according with incorporation of these suggestions.
2. PhD thesis of Mr. Muhammad Asif, Regd. No. 2001-ag-484, a PhD student at Institute of Microbiology, UAF will be placed in the office of the Director, IOM for one week from 30-05-2022 to 08-06-2022. The faculty and students are invited to pursue the thesis for any suggestions, so that thesis may be improved accordingly with incorporation of these suggestions/corrections. The title of his thesis is "Study on Comparative Immunogenicity of Attenuated Inactivated and Anti-idiotypic Mycoplasma gallisepticum Vaccines in Poultry Birds".

PHD THESIS/SYNOPSIS DEFENCE

1. Miss Safia Riaz, Regd. No. 2005-ag-1395, PhD (Soil Science) student of the Institute of Soil and Environmental Sciences will defend her synopsis in a seminar at the University level on 01-06-2022 at

- 12:00 Noon in the Library of the Institute of Soil and Environmental Sciences. The title of her synopsis is "Effectiveness of Bioactivated Iron Enriched Diammonium Phosphate on Growth, Yield and Iron Content of Wheat". All the faculty members are requested to attend the presentation.
2. Mr. Usama Saleem, Regd. No. 2015-ag-6857, PhD (Soil Science) Student of the Institute of Soil and Environmental Sciences will defend his synopsis in a seminar at the University level on 01-06-2022 at 09:00 am in the Library of the Institute of Soil and Environmental Science. The title of his synopsis is "Trace Elements Dynamics in Flooded and Direct Seeded Rice Cultivation". All the Faculty members are requested to attend the presentation.
 3. Uzma Ambreen, Regd. No. 2014-ag-1176, PhD student of the Institute of Soil and Environmental Sciences will defend her synopsis in a seminar at the University level on 01-06-2022 at 11:00 am in the Library of the Institute of Soil and Environmental Sciences, Faculty of Agriculture. The title of her synopsis is "Isolation and characterization of potassium solubilizing bacteria for improving growth and yield of maize". All the faculty members are requested to attend the presentation.
 4. Muhammad Saad Bin Zafar, Regd. No. 2014-ag-4838, PhD student of the Institute of Soil and Environmental Sciences will defend his synopsis in a seminar at the University level on 01-06-2022 at 12:30 am in the Library of the Institute of Soil and Environmental Sciences, Faculty of Agriculture. The title of his synopsis is "Interactive effects of salinity and drought on invertase activity of wheat". All the faculty members are requested to attend the presentation.
 5. Saba Malik, Regd. No. 2010-ag-3571, PhD student of the Institute of Soil and Environmental Sciences will defend her synopsis in a seminar at the University level on 01-06-2022 at 10:30 am in the Library of the Institute of Soil and Environmental Sciences, Faculty of Agriculture. The title of her synopsis is "Assessment of Difenconazole degradation by soil isolated bacteria to improve the growth of tomato". All the faculty members are requested to attend the presentation.
 6. Mr. Muhammad Usman, Regd. No. 2013-ag-3280, PhD (Soil Science) student of the Institute of Soil and Environmental Sciences will defend his synopsis in a seminar at the University level on 01-06-2022 at 01:00 pm in the Library of the Institute of Soil and Environmental Sciences. The title of his synopsis is "Effect of Micro and Nano Plastics on the growth of *Zea mays* L. and Possible Intervention". All the Faculty members are requested to attend the presentation.
 7. Muhammad Khubaib Ayyaz, Regd. No. 2015-ag-7086, PhD student of the Institute of Soil and Environmental Sciences will defend his synopsis in a seminar at the University level on 01-06-2022 at 10:00 am in the Library of the Institute of Soil and Environmental Sciences, Faculty of Agriculture. The title of his synopsis is "Inoculation of thermotolerant rhizobacteria to improve growth of wheat under heat stress". All the faculty members are requested to attend the presentation.
 8. The synopsis defense of Miss Umm-e-Tazeem Arshad, Regd. No. 2018-ag-1960, a PhD student at the National Institute of Food Science & Technology, will be held on 01-06-2022 at 10:00 am in the video conference room, National Institute of Food Science & Technology, UAF. The title of her synopsis is "Development and Optimization of Ohmic Heating Treatment and Evaluating its Effects on Safety & Quality Characteristics of Milk". All interested participants are cordially invited.
 9. Miss Kiran Dost, Regd. No. 2014-ag-5520, PhD student of the Department of Plant Breeding and Genetics will defend her PhD synopsis in the Postgraduate Laboratory of the Department of PBG on 01-06-2022 at 10:00 am as required under the rules. The title of her synopsis is "Breeding potential of *Abelmoschus esculentus* L. germplasm resilient to salt stress". All the teachers and students concerned are requested to attend and contribute towards the improvement of the synopsis.
 10. Ms. Javeria Afzal, Regd. No. 2007-ag-2229, PhD scholar of the National Institute of Food Science & Technology, UAF will defend her PhD synopsis on 08-06-2022 at 03:00 pm in video conference room. The title of her synopsis is "Comparative effect of different processing conditions on quality, sensory and nutritional profile of soymilk products".
 11. Mr. Hadeed Ahmad, Regd. No. 2015-ag-7089, is a PhD student in the Department of Plant Pathology UAF and will defend his PhD synopsis at university level on 07-06-2022 at 12:00 noon in DLC-II, UAF. The title "Molecular characterization of *Phytophthora* species causing citrus gummosis and its management". All interested are requested to participate.
 12. Mr. Muhammad Nouman Siddique, Regd. No. 2015-ag-6974, is a PhD student in the Department of Plant Pathology, UAF will defend his PhD synopsis at University level on 07-06-2022 at 10:00 am in DLC-II, UAF. The title "Prevalence and molecular diagnosis of Mungbean yellow mosaic virus in Punjab and screening of mungbean germplasm for resistance". All interested are requested to participate.
 13. Mr. Muhammad Faheem, Regd. No. 2018-ag-4344, PhD Scholar Department of Physics, will defend his synopsis titled "Identification of elemental composition of virus infected plant samples using laser induced breakdown spectroscopy and machine learning tools" on 07-06-2022 at 03:00 pm in Physics Lecture Theater. All interested are invited to attend.

14. Miss Sania Arif, Regd. No. 2018-ag-4210, PhD scholar Department of Physics, will defend her synopsis titled "Enhanced photocatalytic degradation of reactive dyes under UV/visible light irradiation using efficient metal oxide nanoparticles" on 09-06-2022 at 10:30 am in Physics Lecture Theater. All interested are invited to attend.
15. Miss Rimsha Aslam, Regd. No. 2018-ag-4212, PhD scholar Department of Physics, will defend her synopsis titled "Quantitative measurement of nanoparticles enhanced ablative laser propulsion parameters using confined geometries" on 09-06-2022 at 11:30 am in Physics Lecture Theater. All interested are invited to attend.
16. Miss Saba Sajid, Regd. No. 2015-ag-3115, PhD scholar Department of Physics, will defend her synopsis titled "Experimental and theoretical studies on the influence of ablation parameters on line profiles of laser induced plasma" on 01-06-2022 at 09:30 am in Physics Lecture Theatre. All interested are invited to attend.
17. Ms. Ayesha Sadaf, Regd. No. 2013-ag-1021, PhD student, Department of Botany will defend her synopsis on 10-06-2022 at 09:00 am in the Department of Botany, UAF. The title of her synopsis is "Potential role of Strigolactone (GR24) on morpo-physiological and biochemical attributes of cotton (*Gossypium hirsutum* L.) under drought stress conditions.
18. Mr. Javaid Iqbal, Regd. No. 86-ag-1358, a PhD student in the Department of Rural Sociology, Faculty of Social Sciences, UAF will re-defend his synopsis in Lecture Room No. 3 Department of Rural Sociology, on 08-06-2022 at 10:00 am. The topic of his synopsis is "Role of labour unions in combating Decent Work Deficit in Cotton Spinning sector of Punjab, Pakistan" members of supervisory committee are requested to make it convenient to attend and evaluate. All interested persons may participate in the synopsis defense.
19. Ms. Fizzah Laeeq Lodhi, Regd. No. 2013-ag-2603, PhD student, Department of Clinical Medicine and Surgery will defend her synopsis entitled "Clinico Epidemiological Investigation of Bovine Viral Diarrhea at Commercial Dairy Farms of Punjab, Pakistan" on 06-06-2022 at 11:00 am in the Faculty Seminar Room, Faculty of Veterinary Science. All faculty members and their postgraduate students are cordially invited to participate in the seminar for their valuable suggestions.
20. Miss Ayesha Nawaz, Regd. No. 2014-ag-5378, will defend her PhD synopsis entitled "Synergistic effect of green biodegradable alginate silver nanocomposites with folic acid and light emitting diode against MRSA, *Campylobacter jejuni* and *Listeria monocytogenes*" on 06-06-2022 at 01:30 pm in seminar room of Faculty of Veterinary Science.
21. Miss Aneela Gul, Regd. No. 2019-ag-3516, PhD Pharmacology student of Institute of Physiology and Pharmacology, will defend her PhD synopsis entitled "Detection of Antibiotic residues and Antimicrobial resistance among avian pathogenic *Escherichia coli* from commercial Broiler Chicken in Faisalabad" on 09-06-2022 at 03:00 pm in the Faculty Museum, Faculty of Veterinary Science.
22. Miss Syed Asloob Fatima, Regd. No. 2018-ag-1925, PhD Pharmacology student of Institute of Physiology and Pharmacology, will defend her PhD synopsis entitled "Flavone and Organic acid loaded solid lipid nanoparticles for treatment of induced rheumatoid arthritis in rat model" on 09-06-2022 at 02:00 pm in the Faculty Museum, Faculty of Veterinary Science.
23. Miss Zartashia Kanwal, Regd. No. 2018-ag-1922, PhD Pharmacology student of Institute of Physiology and Pharmacology, will defend her PhD synopsis entitled "Monoterpenoid and Flavonoid loaded biodegradable nanoparticles for the treatment of induced rheumatoid arthritis in rat model" on 09-06-2022 at 02:30 pm in the Faculty Museum, Faculty of Veterinary Science.
24. Mr. Kareem Ullah, Regd. No. 2020-ag-1943, a student of PhD CS, Dept. of Computer Science, UAF will defend his synopsis at the University level on 13-06-2022 at 02:00 pm. The title of his synopsis is "Research on Stakeholders Concern in Competitive Crowd Sourcing Based Software Development using Machine Learning". All the faculty members and students are requested to attend the seminar.
25. Miss Zareena Kausar, Regd. No. 2018-ag-4756, PhD Scholar Department of Physics, has successfully defended her synopsis titled "BODIPY based small molecules for photovoltaic applications" as required under the rules on 26-05-2022.
26. Mr. Shaham Hamayoun Khan, Regd. No. 2004-ag-2090, student of PhD in the Department of Plant Breeding and Genetics will defend his thesis on 15-06-2022 at 11:00 am in DLC-2. The title of his thesis is "Stability analysis and genetic studies of maize accessions for agronomic traits and zinc biofortification". All interested persons are invited to participate.
27. Hafiz Zahid Mehmood, Regd. No. 2011-ag-3078, PhD scholar Agricultural Economics at the Institute of Agricultural and Resource Economics is going to defend his PhD thesis entitled "Sustainable Cotton Production under Better-Cotton Initiative Program: Implications for Socio-Economic Uplift and Climate Change Adaption in Punjab" on 15-06-2022 at 11:00 am in the seminar room at the Dean's Office Faculty of Social Sciences.
28. Mr. Samiullah, Regd. No. 2015-ag-3332, is a PhD student in the Department of Plant Pathology UAF, will defend his PhD synopsis at University level on 07-06-2022 at 12:30 pm in the Distance Learning Center 2

- (DLC-2). "Dynamics of Fungal Pathogens Associated with Olive Carposphere and its Management". All interested is requested to participate.
29. Ms. Mina Jamil, Regd. No. 2019-ag-2121, a PhD student in the Department of Zoology, Wildlife and Fisheries, Faculty of Sciences, UAF will defend her Synopsis in Lecture Room No. 1, Department of Zoology, Wildlife and Fisheries on 09-06-2022 at 09:00 am. The topic of her synopsis is "Toxicological Responses of Major Carps Induced by Polycyclic Synthetic Musk Compounds". Members of supervisory committee are requested to make it convenient to attend and evaluate. All interested persons may participate in this synopsis defense.
 30. Ms. Sana Mehboob, Regd. No. 2014-ag-2654, a PhD student of the Dept. of Rural Sociology will defend her synopsis entitled "Impact of Domestic Water Security on Sustainable Development in Central Punjab" on 08-06-2022 at 10:30 am at the seminar room (W.T.O Cell). All interested are cordially invited to attend.
 31. Miss Humna Shamshad, Regd. No. 2018-ag-4007, PhD Chemistry, Department of Chemistry, titled "Characterization of biopesticidal active ingredient and preparation of their nanoformulations for environment friendly pest control" will be held on 13-06-2022 at 10:00 am. All interested are invited.
 32. Miss Arooj Fatima, Regd. No. 2018-ag-4031, PhD Chemistry, Department of Chemistry, titled "Preparation and characterization of biopesticidal active secondary metabolites based nanoformulations for ecofriendly pest management" will be held on 13-06-2022 at 09:00 am. All interested are invited to attend.
 33. Miss Ghausia Aziz, Regd. No. 1993-ag-868, a PhD student at CABB will defend her PhD synopsis on Monday, 13-06-2022 at 10:00 am in the Lecture Room # 1, CABB. The title of her synopsis is "In-vitro and in-silico characterizations of a recombinant fibrinolytic protein Lumbrokinase". All interested are invited.
 34. Mr. Muhammad Salman Akram, Regd. No. 2014-ag-5179, a PhD student at CABB will defend his synopsis on 13-06-2022 at 10:30 am in Seminar Room, CABB. The title of his synopsis is "Developing borer-resistant and pro-vitamin A rich maize hybrids interdisciplinary approaches". All interested are invited.
 35. Miss Amna Mughal, Regd. No. 2015-ag-6580 a PhD student in the Centre of Agricultural Biochemistry and Biotechnology (CABB), will defend her PhD synopsis on 13-06-2022 at 10:00 am in the seminar room of CABB. The title of her synopsis is "Blocking the Erucic acid biosynthesis in Brassica using CRISPR/Cas approach". All interested are requested to participate.
 36. Ms. Ayesha Mumtaz, Regd. No. 2017-ag-5415, a student of PhD Computer Science, Department of Computer Science, UAF will defend her synopsis at the University level. The title of her synopsis is "Deep Learning based text recognition using Natural Language Processing Techniques". on June 10, 2022. All the faculty members and students are requested to attend the seminar.
 37. Mr. Muhammad Sayam, Regd. No. 2010-ag-1708, a PhD student of the Department of Rural Sociology will Re-defend his synopsis entitled "Social Recession: Impact of Covid-19 on Socio-Economic and Cultural Facets in Punjab, Pakistan" on 03-06-2022 at 11:00 am at the seminar room (W.T.O Cell), UAF. All interested are cordially invited to attend.
 38. Ms. Anam Khalid, Regd. No. 2014-ag-8362, a student of PhD Computer Science, Department of Computer Science, UAF will defend her synopsis at the university level on dated 09-06-2022 at 11:00 am. The title of her synopsis is "Intelligent Agro-Ecological Zoning in Pakistan for Crop Suggestion Using Machine Learning". All the faculty members and students are requested to attend the seminar.
 39. Ms. Omal Sahar, Regd. No. 2014-ag-1515, a student of PhD Computer Science, Department of Computer Science, UAF will defend her synopsis at the University level on dated 09-06-2022 at 10:00 am. The title of her synopsis is "Intelligent disease detection in potatoes using deep learning techniques". All the faculty members and students are requested to attend the seminar.
 40. Mr. Naveed ul Hassan, Regd. No. 2019-ag-2011 PhD student, Department of Botany will defend his synopsis on 10-06-2022 at 10:30 am in the Department of Botany, UAF. The title of his synopsis is "Role of exogenous application of bioactive nutrient fortified fertilizer (BNFF) on sunflower (*Helianthus annuus* L.) under salt stress conditions.
 41. Synopsis defense of Miss Tazeem Fatima, Regd. No. 2014-ag-8911, PhD Chemistry, Department of Chemistry, titled "Quantum Chemical Study of Organic Chromophores for Designing Efficient Optical and Nonlinear Optical Materials" will be held on 09-06-2022 at 10:00 am. All interested are invited to attend.
 42. M. Moazzam Khan, Regd. No. 2002-ag-1840, is a PhD student in Department of Plant Pathology, will defend his synopsis at University level on 07-06-2022 at 02:00 pm in the DLC-2. The title of his defense is "Morpho-genetic Characterization of *Sclerotinia sclerotiorum* causing White Mold disease in cabbage and its non-conventional management". All interested are requested to attend the seminar.
 43. Mr. Muhammad Ali Sabir, Regd. No. 2012-ag-2793, PhD (Agribusiness) scholar of the Institute of Business Management Sciences (IBMS) will defend his PhD synopsis on 13-06-2022 at 03:00 pm in

meeting room of IBMS. The title of his synopsis is "Farmer's preferences for wheat seed in Punjab, Pakistan". All interested participants are cordially invited please.

44. Synopsis defense of Miss Kashuf ul Huda, Regd. No. 2018-ag-3990, PhD Chemistry, Department of Chemistry, titled "The Production of Menthol derivatives for enhanced biological activities" will be held on 01-06-2022 at 10:00 am. All interested are invited to attend.
45. Miss Fatima Umar, Regd. No. 2014-ag-4869, PhD student of the Department of Plant Breeding and Genetics will defend her PhD synopsis on 07-06-2022 at 10:00 am. The title of her synopsis is "Enhancement of Fe and Zn by reducing Phytic Acid in wheat through CRISPR/Cas 9". All the teachers and students concerned are requested to attend and contribute towards the improvement of the synopsis.
46. Mr. Ishfaq Ahmed, Regd. No. 2016-ag-2368, PhD Scholar Department of Physics, will defend his synopsis titled "Structural, Optical and Libs Studies of Rare Earth Substituted BiFeO₃ Multiferroics" on 06-06-2022 at 03:00 pm in Physics Lecture Theater. All interested are invited to attend.
47. Mr. Aneeq-ur-Rehman, Regd. No. 2014-ag-5401, PhD student of the Department of Plant Breeding and Genetics will defend his PhD synopsis in the Postgraduate Laboratory of the Department of PBG on 01-06-2022 at 10:00 am as required under the rules. The title of his synopsis is "Genetic improvement of Solanum lycopersicum L. for high yield and increased shelf life". All the teachers and students concerned are requested to attend and contribute towards the improvement of the synopsis.
48. Mrs. Memoona Amam, Regd. No. 2007-ag-1970, PhD student of the Department of Plant Breeding and Genetics will defend her PhD synopsis in Room No. 4 at CAS-AFS on 01-06-2022 at 02:00 pm as required under the rules. The title of her synopsis is "CRISPR Cas-9 mediated resistance induction in soybean against soybean mosaic virus". All the respected faculty members and students concerned are requested to attend and contribute towards the improvement of the synopsis.
49. The synopsis defense of Miss. Hudda Ayub, Regd. No. 2019-ag-264, PhD student at the National Institute of Food Science & Technology, will be held on 06-06-2022 at 10:00 am in video conference room, National Institute of Food Science & Technology, UAF. The title of her synopsis is "Shelf life extension of guava through different packaging and coating techniques". All interested participants are cordially invited.
50. Mr. Ahmad Adnan, Regd. No. 2009-ag-886, a student of PhD Computer Science, Department of Computer Science, UAF will defend his synopsis at the University level on 07-06-2022 at 11:00 am. The title of his synopsis is "Research on images for detection of lungs diseases using deep learning". All the faculty members and students are requested to attend the seminar.
51. Mr. Muhammad Majid, Regd. No. 2021-ag-2362, a student of PhD Computer Science, Department of Computer Science, UAF will defend his synopsis at the University level on 10-06-2022 at 11:00 am. The title of his synopsis is "Precision Farming using Image Recognition and Classification". All the faculty members and students are requested to attend the seminar.
52. Mr. Muhammad Awais Arshad, Regd. No. 2015-ag-6623, a PhD student, Department of Agronomy, has successfully defended his PhD synopsis on 16-05-2022. The title of his synopsis is "Developing a Comprehensive Weed Management Program for Soybean".
53. Mr. Adil Shahzad, Regd. No. 2005-ag-1047, will defend his PhD Synopsis, entitled "Development and evaluation of an inactivated vaccine against Lumpy Skin Disease (LSD) in Pakistan" on 06-06-2022 at 02:00 pm in seminar room of Faculty of Veterinary Science.
54. Mr. Rao Muhammad Sajjad Sharif, Regd. No 2012-ag-3282 PhD Student Department of Entomology will defend his doctoral research synopsis entitled "Assessment of EPF&EPN based biological control consortium for tephritidae fruit flies in fruits (Tephritidae: Diptera)" on 09-06-2022 at 12:00 noon in the post graduate laboratory Department of Entomology, UAF. All interested are invited to attend.
55. Mr. Muhammad Shahid Zafar Regd. No 2017-ag-62 PhD Student Department of Entomology will defend his doctoral research synopsis entitled "Semio chemical mediated management of three species of tephritid fruit flies" (Tephritidae: Diptera) on 09-06-2022 at 11:30 am in the post graduate laboratory Department of Entomology, UAF. All interested are invited to attend.
56. Miss Shehla Riaz Regd. No. 2019-ag-156, a PhD student of the Department of Plant Pathology, will defend her PhD synopsis at University level on 06-06-2022 at 03:00 pm in the DLC-II, Faculty of Agriculture. The title of her synopsis is "Taming the fungus-insect host plant relationship with entomopathogenic fungi based formulation against fruit fly of Psidium guajava". All interested are requested to participate.
57. Miss Rida Nosheen Saif, Regd. No. 2015-ag-7122, a PhD student of the Department of Plant Pathology, will defend her PhD synopsis at University level on 06-06-2022 at 2:30 pm in the DLC-2. The title of her synopsis is "Comparative efficacy of entomopathogenic nematodes, their associated bacteria and toxins against fruit fly". All interested are requested to participate.

58. Miss Maria Fayyaz Regd. No. 2015-ag-6322, a PhD student of the Department of Plant Pathology, will defend her PhD synopsis at University level on 06-06-2022 at 02:00 pm in the DLC-II. The title of her synopsis is "Biochar application to combat root knot nematodes in tomato with emphasis on activation of defense related genes." All the interested are requested to participate.
59. Mr. Muhammad Huzaifa Tanveer, Regd. No. 2015-ag-7042, is a PhD student in the Department of Plant Pathology, UAF will defend his PhD synopsis at university level on 07-06-2022 at 09:30 am in DLC-II, UAF. The title "Surveillance, molecular characterization and management of bacterial leaf blight of rice under different Sowing Regimes". All interested are requested to participate.
60. Ms. Rimsha Ayub, Regd. No. 2019-ag-1334, PhD scholar of the National Institute of Food Science & Technology, will defend her PhD synopsis on 07-06-2022 at 10:00 am publicly in video conference room. The title of her synopsis is "Exploring the Potential of Beetroot Pomace against Hyperlipidemia and Hypertension". All interested participant are cordially invited.
61. Mr. Ahmad Nisar Regd. No. 2015-ag-6483, a PhD student of the Department of Plant Pathology, will defend his PhD synopsis at University level on 07-06-2022 at 9:00 am in the DLC-II, Faculty of Agriculture. The title of his synopsis is "Mitigating the fall armyworm threat in maize with entomopathogenic fungi based bioformulation". All interested are requested to participate.
62. Mr. Muhammad Saqib, Regd. No. 2014-ag-8402, is a PhD student in the Department of Entomology, will defend his PhD synopsis in Postgraduate Lab, Department of Entomology on 10-06-2022 at 03:00 pm as required under the rules. "Assessment of Insect Biodiversity and Grain Quality with Different Insect Detection Techniques in Grain Storage Structures". All interested are requested to participate.
63. Synopsis defense of Hafizah Bushra Akram, Regd. No. 2017-ag-3345 PhD Biochemistry titled "Fabrication and characterization of conjugated-metal oxide nano-system for targeted delivery of anti-cancer drug" will be held on 01-06-2022 at 10:00 am in Biochemistry Lecture Room No.1. All interested are invited to attend.
64. Synopsis defense of Ms. Aiman Arif, Regd. No. 2017-ag-501 PhD Biochemistry titled "CRISPRi mediated tissue specific reduction of gossypol contents in cottonseeds" will be held on 01-06-2022 at 09:00 am in Biochemistry Lecture Room No.1. All interested are invited to attend.
65. Synopsis defense of Ms. Noor-ul-Ain, Regd. No. 2017-ag-467 PhD Biochemistry titled "Protein integrated DNA origami for target delivery of drug against cancer" will be held on 01-06-2022 at 09:30 am in Biochemistry Lecture Room No.1. All interested are invited to attend.
66. Synopsis defense of Ms. Sadia Ijaz, Regd. No. 2018-ag-4151 PhD Biochemistry titled "Production of potent enzymes as poultry feed supplement and their immobilization on nanocomposites for smart release" will be held on 02-06-2022 at 10:30 am in Dean office. Conference Room. All interested are invited to attend.
67. Mr. Hafiz Bilal Murtaza, Regd. No. 2012-ag-1041 PhD (Statistics) Scholar Department of Mathematics and Statistics will defend his synopsis titled "An Optimized Predictive Modeling for Chronic Diseases and Survivors by Using Bayesian and Classical Approach" on 10-06-2022 at 11:00 am in computer lab of Department of Mathematics and Statistics. All interested are invited to attend.
68. Miss. Zuhra Mazhar, Regd. No. 2007-ag-2383, PhD (Soil Science) student of Institute of Soil and Environmental Sciences will defend her thesis in a seminar at the University level on 08-06-2022 at 02:00 pm in the video conference room, Institute of Soil and Environmental Sciences. The title of her thesis is "improving zinc contents of rice (*Oryza Sativa* L.) and wheat (*Triticum aestivum* L.) gram under salt stress". All the faculty members are requested to attend the presentation.
69. Miss. Nida Aslam Chatta Regd. No. 217-ag-761, is a PhD student in the Department of Zoology, Wildlife & Fisheries and she will defend her PhD synopsis at university level on 02-06-2022 at 12:30 pm in the Post-graduate lab of Entomology department. The title of her synopsis is "Sustainable management of the important species of genus Spodoptera using nanotechnology and molecular methods". Members of supervisor committee are requested to make it convenient to attend and evaluate. All interested persons may participate in this synopsis defense.
70. Miss. Fatima Talib, Regd. No. 2017-ag-776, is a PhD student in the Department of Zoology, Wildlife & Fisheries and she will defend her PhD synopsis at university level on 02-06-2022 at 12:30 pm in the Post-graduate lab of Entomology department. The title of her synopsis is "Identification, Characterization, formulation and efficacy evaluation of entomopathogenic biopesticides for the sustainable management of Spodoptera species of major crops". Members of supervisor committee are requested to make it convenient to attend and evaluate. All interested persons may participate in this synopsis defense.
71. Ms. Amara Ashraf Regd. No. 2015-ag-6325, is a PhD student in the Department of Plant Pathology UAF and will defend her PhD synopsis at university level on 07-06-2022 at 01:00 pm in DLC-II, UAF. The title "Prevalence and Management of Whip Smut of Sugarcane caused by *Sporisorium scitamineum*". All interested are requested to participate.

72. Muhammad Haris, Regd. No. 2010-ag-3881, PhD scholar of the National Institute of Food Science & Technology, will re-defend his PhD synopsis on 07-06-2022 at 09:00 am in video conference room, National Institute of Food Science & Technology, UAF. The title of his synopsis is "Assessing the impact of irradiation as a pretreatment on the quality attributes of cow and buffalo postmortem aged meat". All interested participants are cordially invited.
73. Ms. Madiha Javid, Regd. No. 1999-ag-444, PhD Human Nutrition and Dietetics, student of the National Institute of Food Science & Technology, UAF will defend her PhD synopsis on 03-06-2022 at 09:00 am. The topic of her synopsis is "Therapeutic Intervention of 6-Gengerol in STZ-Induced Diabetic Rats". All members and interested persons are cordially invited.
74. Miss. Noor Fatima, Regd. No. 2017-ag-1376, a PhD student in the Institute of Microbiology, UAF, will be held on 07-06-2022 at 02:00 pm in the Faculty Meeting Room, Faculty of Veterinary Science, UAF. The research title of her PhD synopsis is "Development and Comparative Efficacy of Microtiter Plates for Screening Antibiotic Residues in Milk".
75. Mr. Imran Ahmed Raja, Regd. No. 2014-ag-1203, PhD student of Department of Zoology, Wildlife & Fisheries is going to defend his PhD thesis on 08-06-2022 at 11:00 am in Lecturer Theater Zoology & Fisheries, UAF. The title of his PhD thesis is "Comparative effects of herbicides on the histopathological characteristics of selected body organs, hematobiochemical and geno-toxicological parameters of adult albino rats". All concerned are requested to make it convenient to attend.
76. Mr. Muhammad Asad Shabbir, Regd. No. 2014-ag-4826, PhD student, Institute of Horticultural Sciences, will defend his PhD Synopsis at University level in Landscape Studio, UAF on 07-06-2022 at 02:00 pm. The title of his synopsis is "Effect of Horticultural Therapy on Human Health".
77. Mr. Muhammad Basit Husnain Haider, Regd. No. 2012-ag-3631, a PhD student in the Institute of Microbiology, UAF, will be held on 08-06-2022 at 02:00 pm in the Faculty Meeting Room, Faculty of Veterinary Science, UAF. The title of his PhD synopsis is "Comparative Molecular Characterization of High Risk Carbapenem Resistant Enterobacter cloacae Complex in Huma, Animal and Environment".
78. Ms. Amina Farooq, Regd. No. 2017-ag-5136, PhD student, Department of Botany will defend her synopsis on 08-06-2022 at 02:00 pm in the Department of Botany, UAF. The title of her synopsis is "Structural and functional modifications in Ziziphus nummularia (Burm. f.) Wright & Arn. from different ecological regions of Pakistan".
79. Ms. Zunaira Zulfiqar, Regd. No. 2015-ag-1387, PhD student, Department of Botany will defend her synopsis on 08-06-2022 at 10:00 am in the Department of Botany, UAF. The title of her synopsis is "Adaptive components in Heteropogon contortus (L.) P. Beauv. Ex. Roem. & Schult. From different ecological regions of Pakistan".
80. Mr. Muhammad Tayyab Mehmood, Regd. No. 2015-ag-6326, PhD (Soil Science) student of the Institute of Soil and Environmental Sciences will defend his synopsis in a seminar at the University level on 09-06-2022 at 11:00 am in the Library of the Institute of Soil and Environmental Sciences. The title of his synopsis is "Modulating the Ecological Adaptation of Wheat (*Triticum aestivum* L.) During Water Stress Conditions". All the Faculty members are requested to attend the presentation.
81. Ms. Shabi-ul-Fatima, Regd. No. 2016-ag-1265, PhD student, Department of Botany will defend her synopsis on 09-06-2022 at 10:00 am in the Department of Botany, UAF. The title of her synopsis is "Distributional pattern and adaptive components for environmental heterogeneity in *Grewia tenax* (Forssk.) Fiori".
82. Ms. Tabinda Naz, Regd. No. 2017-ag-2826, PhD student, Department of Botany will defend her synopsis on 09-06-2022 at 02:00 pm in the Department of Botany, UAF. The title of her synopsis is "Adaptive components for distribution and ecological success in *Tecomella undulata* (Sm.) Seem. From the Punjab and Azad Jammu and Kashmir".
83. Ms. Ayesha Sana, Regd. No. 2017-ag-438, PhD Biochemistry student of the Department of Biochemistry has successfully defended her synopsis entitled "Molecular studies on halophilic bacteria for antimicrobial peptides/proteins" as required under the rules on 25-05-2022. Furthermore, all teachers were physically present in this defense.
84. Miss. Fareeha Shahid, Regd. No. 2012-ag-3924, Student of PhD Human Nutrition and Dietetics at National Institute of Food Science & Technology, UAF, has successfully defended her PhD synopsis on 20-05-2022. The title of her research project is "Prophylactic and therapeutic efficacy of nutrient dense Soy-based supplement for musculoskeletal, gut and brain health in animal model".
85. Miss. Mahjabeen Abid, Regd. No. 2014-ag-3858, Student of PhD Human Nutrition and Dietetics at National Institute of Food Science & Technology, UAF, has successfully defended her PhD synopsis on 20-05-2022 at 10:00 am in the video conference room at National Institute of Food Science & Technology, UAF. The supervisory committee has made some minor changes in the title. Now the title of her research project is "Synergistic effect of ginger extract and *Lactobacillus acidophilus* against gastric mucosal injury".

86. Mr. Saqib Ayyub, Regd. No. 2015-ag-6925, PhD student of the Institute of Horticultural Sciences has successfully defended his synopsis in a seminar held on 23-05-2022. The title of his synopsis is "Postharvest Quality Management of Loquat".
87. Ms. Kinza Javed Iqbal, Regd. No. 2015-ag-7454, Student of PhD Human Nutrition and Dietetics at National Institute of Food Science & Technology, UAF, has successfully defended her PhD synopsis on 23-05-2022. Committee suggested minor changes in the title of research. Now the title of her research project is "Tackling protein energy malnutrition and micronutrient deficiencies in Pakistani school-aged children by developing nutrient-dense bars".
88. Miss Maleeha Wajid, Regd. No. 2017-ag-616, PhD Chemistry student of the Department of Chemistry has successfully defended her synopsis entitled "Removal of organic pollutants from aqueous media using layered double hydroxides" required under the rules on 26-05-2022.
89. Mr. Muhammad Awais Ansari, Regd. No. 2018-ag-4362, PhD Scholar Department of Physics, has successfully defended his synopsis titled "Design and Development of Metal Organic Framework (MOF) for Efficient Perovskite Solar Cells" as required under the rules on 27-05-2022.
90. Anam Mansoor, Regd. No. 2018-ag-228, PhD scholar of the National Institute of Food Science & Technology, successfully defended her PhD synopsis on 25-05-2022. The title of her synopsis is "Potato starch modification through conventional and novel techniques for food applications".
91. Mr. Zahid Hassan, Regd. No. 2009-ag-2142, PhD student (Agricultural Extension) of the Institute of Agri. Extension, Education and Rural Development has successfully defended his PhD thesis entitled "Analysis of Plant Clinics Advisory Services Provided by Public Sector to the Farming Community in the Punjab, Pakistan" on 31-05-2022.
92. Mr. Muhammad Adnan, Regd. No. 2016-ag-1760, PhD Scholar Department of Physics, has successfully defended his synopsis titled "Designing of Carbazole based hole-transport materials for efficient organic / perovskite solar cell" as required under the rules on 26-05-2022.
93. Saher Nawaz, Regd. No. 2011-ag-641, has successfully defended her PhD thesis on 26-05-2022. The title of her thesis is "Comparative Efficacy of various Growth Promoting Agents on Buckwheat (*Fagopyrum esculentum*) at different Sowing Dates and Heat Stress". The members of the supervisory committee found her thesis defense satisfactory.
94. Miss Sanam Saleem, Regd. No. 2018-ag-4268, PhD Scholar Department of Physics, has successfully defended her synopsis titled "The First Principal study of transition metals doped Ba based binary chalcogenides for spintronic" as required under the rules on 26-05-2022.
95. Sharmeen Arif, Regd. No. 2018-ag-226, PhD scholar of the National Institute of Food Science & Technology, successfully defended her PhD synopsis on 26-05-2022. The title of her synopsis is "Valorization of lignocellulosic biomass for fabrication of biodegradable films".
96. Ms. Misbah, Regd. No. 2012-ag-644, a PhD student in the Department of Botany has successfully defended her thesis on 20-05-2022. The title of her thesis is "Alteration in morphological and biochemical attributes of cotton (*Gossypium hirsutum* L.) in response to exogenous application of thiourea under water deficit conditions".
97. Mr. Zuhair Qamar, Regd. No. 2006-ag-2236, PhD student at the Department of Farm Machinery & Power has successfully defended his PhD thesis in a seminar at the University level on 24-05-2022. The title of his thesis is "Development and Modeling of Solar Assisted Milk Powder Spray Dryer for Decentralized Applications".
98. Mr. Sulman Siddique, Regd. No. 2010-ag-3513, a student at the Institute of Soil and Environmental Sciences has successfully defended his PhD thesis at University level in DLC-1 on 26-05-2022. The title of his thesis is "Exploring potential of seed endophytic bacteria for enhancing drought stress resilience in maize (*Zea mays* L.)".
99. Miss Iqra Ghafoor, Regd. No. 2019-ag-423, PhD student of the Institute of Soil and Environmental Sciences has successfully defended her synopsis in a seminar at the University level on 23-05-2022. The title of her synopsis is "Physiological and biochemical responses of *Brassica campestris* to cadmium and amendments under salinity and drought conditions".
100. Miss Tayyaba Akhtar, Regd. No. 2019-ag-424, PhD (Environmental Sciences) student of the Institute of Soil and Environmental Sciences has successfully defended her synopsis in a seminar at the University level on 23-05-2022. The title of her synopsis is "Assessment and measures to improve nitrogen use efficiency in vegetable cropping".
101. Miss. Ayesha Ghafar, Regd. No. 2017-ag-4421, is a PhD student in the Department of Botany has successfully defended her synopsis on 25-05-2022. During her synopsis defense the members of her supervisory committee have suggested changes in synopsis title which may please be approved. Old Title: "Synthesis of Silicon nanoparticles and it's effect on the *Triticum aestivum* under drought stress". Suggested Title: "Drought Stress Alleviation in Wheat (*Triticum aestivum* L.) by Using Nanoparticles and Microbes".