



SITUATION VACANT

Two positions of Research Assistants @ Rs. 20,000/- per month are available in a research project funded by Grand Challenges Canada (GCC No. 0299-01) entitled "Development of novel rhizobial inoculants for inducing drought tolerance in cereals. The requisite qualification for this position will be as under: M.Sc. (Hons) Agriculture in Soil Science with minimum of B grade (CGPA: 3.00). Preference will be given to the PhD students doing dissertation research in Soil Microbiology and Biochemistry. Applications along with relevant documents should reach in the office of the PI Dr. Hafiz Naeem Asghar, Assistant Professor, Institute of Soil & Environmental Sciences, UAF, in office hours within 6 days after the publication of this notice.

GRAN SASSO SCIENCE INSTITUTE PhD PROGRAM

Gran Sasso Science Institute (GSSI). Announces of the competitive examinations for the four curricula of study, physics, mathematics, computer science and social sciences, have been published and can be viewed at www.gssi.infn.it. The GSSI, It is international PhD school and a center for research and higher education. The Gran Sasso Science Institute aims to create a new center of scientific excellence, attracting high-level resources in the fields of natural and social sciences. The PhD program will start in the academic year 2013-2014. It is organized into four PhD courses: astroparticle physics, mathematics in natural, social and life sciences, computer science and urban studies. The GSSI is a project supported by the Organization for Cooperation and Economic Development (OECD) and activated by the Italian National Institute for Nuclear Physics (INFN) as center for advanced studies. It is funded by the Italian Government and by the Abruzzo Region. Study at GSSI, The Gran Sasso Science Institute is located in an airy and bright building along a tree-lined street in L" Aquila city center. The structure features offices, classrooms, an auditorium that will host events and conferences, a library and reading room, and common areas to socialize, talk and spend time together. They want their students get the best possible experience during their time at the Gran Sasso Science Institute. That's why we provide them free housing and meals plus the standard three years PhD grant. Recreational and cultural services will be offered. So, whatever the students want from their graduate experience, the offer the perfect environment in which students can learn, develop their skills and have a great time. The last date of application is July 15, 2013.

پروفیسر ڈاکٹر محمد سرور خاں اور ڈاکٹر محمد ثار خاں کیلئے نئی ذمہ داریاں

جناب وائس چانسلر پروفیسر ڈاکٹر اقرار احمد خاں (ستارہ امتیاز) نے پروفیسر ڈاکٹر محمد سرور خاں کو سنٹر آف ایگریکلچرل بائیو کیمسٹری و بائیو ٹیکنالوجی (کیب) کا ڈائریکٹر تعینات کیا ہے۔ رجسٹر آفس سے جاری ہونے والی نوٹیفکیشن کے مطابق انہیں پرنسپل آفیسر کی طرح تمام انتظامی و مالی اختیارات حاصل ہونگے۔ مزید برآں یونیورسٹی سینٹ کی طرف سے شعبہ پیرائٹالوجی کے پروفیسر ڈاکٹر محمد ثار خاں کو آئندہ تین برسوں کیلئے فنانس و پلاننگ کمیٹی کا ممبر مقرر کیا گیا ہے۔

PLACEMENT OF PhD THESIS FOR PEER REVIEW

PhD thesis of Mr. Iftikhar Ahmad, Regd. No. 2003-ag-1776 will be placed in the office of the Director, Institute of Soil and Environmental Sciences, UAF for one week prior to its submission for foreign evaluation from 20-06-2013 to 26-06-2013. The title of his thesis is "Bioremediation of cadmium contaminated soil with help of organic manures". The faculty and the students are invited to peruse the thesis for any suggestion/corrections. The suggestion received if in order will be incorporated through the supervisory committee. All the staff members and students are welcome to read/consult the thesis.

PhD THESIS/SYNOPSIS DEFENCE

1. Miss Sumaira Ikram, Regd. No. 2001-ag-1622 a PhD student, Department of Botany, UAF will defend her PhD thesis in Video Conference Room on 19-06-2013 at 11:00 am. The title of her thesis is "Effect of exogenously applied thiourea on growth, biochemical and physiological changes in barley (*Hordium vulgare*) under cadmium stress. All interested are cordially invited.
2. Mr. Muhammad Zeeshan Nawaz Regd. No. 2002-ag-453, PhD student, Institute of Microbiology will defend his PhD research thesis entitled "Epidemiology of Foot and Mouth Disease in buffaloes and cattle of Punjab" on 26-06-2013 at 11:00 am in the video conference hall. All concerned are requested to attend and contribute.

3. Mr. Muhammad Waqas Amjid, Regd. No. 2002-ag-1620, PhD student of the Department of Plant Breeding and Genetics will defend his PhD thesis in the Video Conference Room on 21-06-2013 at 11:30 am. All concerned are requested to attend. The title of his thesis is "Genetics of QTLs related to drought tolerance in upland cotton".
4. Miss Alia Riffat Regd. No. 2007-ag-131, a PhD student in the Department of Botany will defend her synopsis on 20-06-2013 at 11:00 am in the Seminar Room of the Department. The title of her synopsis is "Appraisal of Salinity Tolerance in Maize (*Zea mays* L.) by Exogenous Applied Sulfur as Soil Applications and Foliar Spray". All interested are cordially invited to attend.
5. Thesis defense of Mr. Mazhar Abbas, Regd. No. 2004-ag-237 student of PhD Chemistry, Department of Chemistry & Biochemistry entitled "In vitro and In vivo toxicological study of selected medicinal plants" will be held on 26-06-2013 at 02:15 pm in Video Conference Room. All interested are invited to attend.
6. Mr. Umair Safdar Regd. No. 2006-ag-1910, a PhD student of Institute of Agri. Extension and Rural Development will defend his synopsis entitled "An in-depth study to formulate research based agricultural extension policy guidelines for sustainable agricultural development and food security in the Punjab, Pakistan" on 21-06-2013 at 02:30 pm in the Audio-Visual Lab, Institute of Agri. Extension and Rural Development. All interested are cordially invited to participate.
7. Miss Tabinda Shaukat Regd. No. 2006-ag-512, PhD student, Department of Zoology & Fisheries, will deliver a seminar in defense of her PhD thesis entitled "Effects of selected metals on growth and DNA damage in *Tilapia nilotica*, *Cyprinus carpio* and *Ctenopharyngodon idella* organs by using comet assay" on 24-06-2013 at 09:00 am in the video conference room, Department of Computer Science, UAF. The members of supervisory committee are requested to make it convenient to attend and evaluate. All interested are cordially invited.
8. Miss Rahila Ilyas Regd. No. 2006-ag-513, PhD student, Department of Zoology & Fisheries, will deliver a seminar in defense of her PhD thesis entitled, "Effects of selected pesticides on growth and DNA damage in peripheral blood erythrocytes of fish" on 19-06-2013 at 09:00 am in the video conference room, Department of Computer Science, UAF. The members of supervisory committee are requested to make it convenient to attend and evaluate. All interested are also cordially invited.
9. Miss Safina Kousar Regd. No. 2006-ag-510, PhD student, Department of Zoology & Fisheries, will deliver a seminar in defense of her PhD thesis entitled "Assessment of growth and genotoxicity in peripheral blood erythrocytes of fish exposed to metals toxicity" on 20-06-2013 at 12:00 noon in the video conference room, Department of Computer Science, UAF. The members of supervisory committee are requested to make it convenient to attend and evaluate. All interested are also cordially invited.
10. Mr. Muhammad Imran, Regd. No. 2003-ag-1743, PhD student of the Institute of Soil and Environmental Sciences will defend his thesis in a seminar at the University level on 25-06-2013 at 02:15 pm in the video conference room, Institute of Soil and Environmental Sciences. The title of his thesis is "Assessing yield and water use efficiency with ameliorating effect of potassium in wheat crop exposed to regulated deficit irrigation". All the faculty members are requested to attend the presentation.
11. Mr. Abdul Ghaffar Khan, Regd. No. 2003-ag-1723, PhD student of the Institute of Soil and Environmental Sciences will defend his thesis in a seminar at the University level on 24-06-2013 at 02:15 pm in the video conference room, Faculty of Agriculture. The title of his thesis is "Soil water dynamics and water use efficiency in maize under different irrigation practices". All the faculty members are requested to attend the presentation.
12. Mr. Atta Ullah Mohsin, Regd. No. 2005-ag-10, a PhD student of the Department of Agronomy will defend his PhD thesis on 27-06-2013 at 11:00 am in the Video Conference Room, Faculty of Agriculture, UAF. The title of his thesis is "Studying the effect of zinc application methods on the productivity of maize hybrids". All interested persons are invited to participate.
13. Mr. Ahmad Kamran Khan, Regd. No. 2012-ag-10, a PhD student, Department of Agri. Entomology will defend his PhD synopsis on 26-06-2013 at 03:30 pm in the video conference room, Faculty of Agriculture, Faisalabad. The title of his PhD synopsis is "Mites as bioindicators of soil health". All interested person are invited to participate.
14. Mr. Muhammad Naeem, Regd. No. 2005-ag-1735 a PhD student of the Department of Crop Physiology is going to defend his synopsis on 26-06-2013 at 11:00 am in the lecture room of the Department of Crop Physiology. The title of his synopsis is "Physiological response of maize to Boron-Calcium interaction under drought stress". All interested are invited to attend the synopsis defense.
15. Mr. Babar Hassan, Regd. No. 2006-ag-1738, a PhD student of Department of Entomology, UAF, will defend PhD synopsis titled "Studies on *Dalbergia sissoo* extractives and its application in combination with natural oils on wood against subterranean termites" on 20-06-2013 at 03:00 pm in the Seminar Room, Department of Entomology. His synopsis has been deposited in the chairman office of the department. Interested may view the synopsis during office hours. All concerned are requested to attend for suggestion and comments.
16. Mr. Awais-ur-Rhman Sial, Regd. No. 2004-ag-1599, PhD student, Department of Clinical Medicine and Surgery will defend his synopsis entitled "Sero-epidemiology and Clinical Survey of Feline Immunodeficiency and Feline Leukemia Virus among Cats in Punjab, Pakistan" on 27-06-2013 at 12:00 noon in the Museum of Faculty of Veterinary Science. All faculty members and their post-graduate students are cordially invited to participate in the seminar for their valuable suggestions.
17. Mirza Abdul Qayyum bearing Regd. No. 2004-ag-1268, a PhD student of the Department of Agri. Entomology, UAF will re-defend his synopsis titled "Nipping the evil of insecticidal resistance employing microbial agents to enhance biocontrol of tomato fruitworm" on 25-06-2013 at 03:00 pm in the Video Conference room of Faculty of Agriculture, UAF. All the academic staff and students are requested to participate.
18. Mr. Imaad Rashid, Regd. No. 2004-ag-1658, a PhD student, Department of Clinical Medicine and Surgery will defend his synopsis entitled "Sero-prevalence, Semiology and Molecule Investigations of Q Fever in Institutional Dairy Farms in Punjab, Pakistan" on 27-06-2013 at 11:00 am in the Museum of Faculty of Veterinary Sciences. All faculty members and their post-graduate students are cordially invited to participate in the seminar for their valuable suggestions.
19. Mr. Nazar Hussain Khan, Regd. No. 87-ag-1057, PhD student of the Department of Plant Breeding and Genetics has successfully defended his PhD thesis on 10-06-2013. The title of his PhD thesis was "Inheritance of some physio genetic drought related parameters in maize. However, as per agreed suggestions by the teachers/experts a minor change has been made in the title of thesis "inheritance of some morpho-physiological drought related parameters in maize".
20. Mr. Muhammad Kamran, Regd. No. 2005-ag-1737 a PhD student, Dept/ of Crop Physiology, has successfully defended his PhD synopsis on 19-03-2013. The title of his synopsis is "Cotton crop improvement through maintaining seed quality during production and storage".
21. Mr. Muhammad Ammar Raza, Regd. No. 2001-ag-1162, PhD student of Institute of Horticultural Sciences has successfully defended his synopsis on 31-05-2013. The title of his synopsis is "Improving onion storability and quality using different pre and postharvest techniques".
22. Mr. Muhammad Kamran a PhD student Regd. No. 2002-ag-1716 Department of Plant Pathology has successfully defended his thesis on 07-06-2013. The title of his thesis was "Genetic variability among different populations of root knot nematodes associated with vegetables and their vulnerability to *Pasteuria penetrans*".
23. Mr. Qurban Ali, Regd. No. 2003-ag-1692, PhD student of the Department of Plant Breeding and Genetics has successfully defended his PhD thesis on 13-06-2013. The title of his PhD thesis is "Genetic evaluation of maize (*Zea mays* L.) accessions for grain and fodder yield ". In his thesis, experiment-1 and 3 were found to be some sort of repetition by experts/participants and these be excluded for the improvement of final thesis.

24. Miss Noreen Khalid, Regd. No. 2009-ag-1202, a PhD student in the Department of Botany, UAF has successfully defended her synopsis on 05-06-2013. The title of her synopsis is "Effect of vehicular pollution on plants: a case study along two roads "Faisalabad to Sargodha and Pindi Bhattian to Lillah".
25. Mr. Yasar Sajjad, Regd. No. 2002-ag-1797, PhD student of Institute of Horticultural Sciences has successfully defended his thesis on 12-06-2013. The title of his thesis is "Application of chemicals to break corm dormancy and enhance production in gladiolus (*Gladiolus grandiflorus*)".
26. Mr. Muhammad Zubair Regd. No. 96-ag-1214, a PhD student of the Department of Theriogenology has successfully defended his synopsis entitled "Effects of Arsenic, Vitamin E&C on Reproductive Functions of Teddy Bucks" as required under the rules on 06-06-2013.
27. Mr. Ahmad Mustafa, Regd. No. 2012-ag-55, a PhD student, Department of Agronomy, has successfully defended his PhD synopsis 24-05-2013. The title of his thesis is "Studying the role of seed size and seed priming on wheat productivity in conservation tillage with different row spacing".
28. Mr. Ahsan Akram, Regd. No. 2003-ag-1894, PhD student of Institute of Horticultural Sciences has successfully defended his thesis on 11-06-2013 at 02:00 pm in the Video Conference Room, Faculty of Agriculture, UAF. The title of his thesis is "Effect of 24-Epibrassinolide on flower production and comparison of essential oil extraction techniques for *Jasminum sambac* L.".
29. Mr. Qammar Shahzad Anjum, Regd. No. 2005-ag-1454, PhD student of Institute of Horticultural Sciences has successfully defended his synopsis on 06-06-2013. The title of his synopsis is "Chemo-biological manipulation for enhancement of pea growth, biochemical attributes and seed production in relation to wilt (*Fusarium oxysporum* f. sp. *Pisi*) management".
30. Mr. Abdul Manan Saleem, Regd. No. 2005-ag-1453, PhD student of Institute of Horticultural Sciences has successfully defended his synopsis on 06-06-2013. The title of his synopsis is "Characterization of okra genotypes for horticultural traits, NPK uptake efficiency and performance under water deficit conditions". After the suggestion of the committee the new title of his synopsis is "Characterization of okra genotypes for horticultural traits, potassium uptake efficiency and performance under deficit irrigation".
31. Miss Mariam Munir, Regd. No. 2005-ag-1534 a PhD student of the Institute of Horticultural Sciences has successfully defended her PhD synopsis at University level on 31-05-2013. The title of her synopsis is "Drought induced morpho-physiological changes in okra and its mitigation".
32. Mr. Asim Mehmood, Regd. No. 2006-ag-324, PhD student of Institute of Horticultural Sciences has successfully defended his thesis on 11-06-2013. The title of his thesis is "Physical, biochemical and molecular profiling of guava (*Psidium guajava* L.) germplasm".
33. Mr. Sajid Mahmood, Regd. No. 2006-ag-2096, PhD student of the Ins. of Soil and Envi. Sciences has successfully defended his synopsis in a seminar at the University level on 27-05-2013. The title of his synopsis is "Multi-strain rhizobial inoculation for improving growth and yield of maize under water deficit conditions".
34. Mr. Liaqat Ali, Regd. No. 2006-ag-2081, PhD student of the Institute of Soil and Environmental Sciences has successfully defended his synopsis in a seminar at the University level on 24-05-2013. The title of his synopsis is "Application of Biochar and Rhizobacteria to Ameliorate the Drought in Maize (*Zea mays* L.)".
35. Miss Faiza, Regd. No. 2005-ag-1778, PhD student of the Institute of Soil and Environmental Sciences has successfully defended her synopsis in a seminar at the University level on 23-05-2013. The title of her synopsis is "Potential role soil microbes to produce soil enzymes and maintain soil health".
36. Mr. Muhammad Naveed, Regd. No. 96-ag-1735, PhD student of the Department of Plant Breeding and Genetics has successfully defended his PhD synopsis in the Postgraduate Laboratory of the Department of PBG on 17-06-2013 at 01:00 pm as required under the rules. The title of his PhD synopsis was "Inheritance of various traits related to heat tolerance in *Zea mays* L. However, as per agreed suggestions by the teachers/experts a minor change has been made in the title of synopsis "Genetic basis of heat tolerance and some yield components in *Zea mays* L.".
37. Mr. Muhammad Luqman Regd. No. 97-ag-1165 PhD student (Agricultural Extension) of the Institute of Agri. Extension and Rural Development has successfully defended his PhD thesis on 14-06-2013. The title of his thesis was "Rural Development vision and Practices of Culturally Rooted Social Movement Organizations in North-West Pakistan: Implications for Agri. Extension.



QUOTATIONS

1. Bid No. 87/13. Sealed bids are invited from the registered firms of the UAF for purchase of Water Deionizer under project titled "Arthropod Functional Genomics Initiative Building Community Resources for Animal Health" for the Department of Parasitology, UAF. The detailed and other pre-requisites can be had from the Directorate of Procurement & Inventory Control (DPIC) during closing hours. The bids should reach in the Directorate within 5 days from the date of publication. The bid money @ 2% of the quoted value must accompany the bid in favour of Stores Officer, UAF.
2. Bid No. 88/13. Sealed bids are invited from the registered firms of the UAF for purchase of Chemicals under project titled "Value Addition and Shelf Life Extension of Guava by Chemical treatments under Modified Atmosphere Storage" for the National Institute of Food Science & Technology, UAF. The detailed and other pre-requisites can be had from the Directorate of Procurement & Inventory Control (DPIC) during closing hours. The bids should reach in the Directorate within 5 days from the date of publication. The bid money @ 2% of the quoted value must accompany the bid in favour of Stores Officer, UAF.
3. Bid No. 89/13. Sealed bids are invited from the registered firms of the UAF for purchase of Glassware under project titled "Phosphorus and Potassium Adsorption and Desorption behavior of some Rice Soils of Pakistan and the Correlation of adsorption-desorption properties with fertilizer recommendations for rice crop" for the Institute of Soil & Environmental Sciences, UAF. The detailed and other pre-requisites can be had from the Directorate of Procurement & Inventory Control (DPIC) during closing hours. The bids should reach in the Directorate within 5 days from the date of publication. The bid money @ 2% of the quoted value must accompany the bid in favour of Stores Officer, UAF.
4. Bid No. 90/13. Sealed bids are invited from the registered firms of the UAF for purchase of Chemicals under project titled for the Department of Zoology & Fisheries, UAF. The detailed and other pre-requisites can be had from the Directorate of Procurement & Inventory Control (DPIC) during closing hours. The bids should reach in the Directorate within 5 days from the date of publication. The bid money @ 2% of the quoted value must accompany the bid in favour of Stores Officer, UAF.
5. Bid No. 91/13. Sealed bids are invited from the registered firms of the UAF for purchase of Chemicals, Glassware and Plastic ware under project titled "Development of natural substitutes of synthetic chemical insecticides for insect control derived from the toxic peptides coded by naturally occurring virulent genes in parasitic Hymenoptera" for the Department of Agri. Entomology, UAF. The detailed and other pre-

