



Pakistan-US Science and Technology Cooperation Program
Biostatistical Consulting Center
Summer Research Camp on Developing Research Plans and Proposals
 July 03-21, 2012, University of Veterinary and Animal Sciences Lahore
Biostat Computer Lab

Date	Time	Session	Speaker
Tue July 03 Day-1	09:00 to 11:00	Welcome and Opening Remarks Outline, Objectives and Expectations of the Camp	Dr. H. Anwar Ahmad, PI-US Jackson State University Dr. Talat Nasee Pasha VC UVAS Dr. Habi-ur-Rahman, Dean FLSBM Muhammad Bilal, Co PI UVAS
	11:00 to 11:30	Break	
	11:30 to 1:30	Participants Introductions Brief Presentations of their Data and Plans to Develop Manuscript Need Assessments	Dr. Ahmad
	1:30 to 2:30	LUNCH	
	2:30 to 4:30	Data Presentations cont..	
6:30	DINNER		

Date	Time	Session	Speaker
Wed July 04 Day-2	09:00 to 11:00	Introduction to Biostatistics Frequency Distribution Summary Statistics	Dr. Ahmad
	11:00 to 11:30	Break	
	11:30 to 01:30	Data Presentations-use of Graphs	Dr. Ahmad
	1: 30 to 2:30	LUNCH	
	2:30 to 4:30	Introduction to Statistical Packages	Dr. Ahmad and Muhammad Bilal, Assistant Professor Statistics-UVAS
6:30	DINNER		

Date	Time	Session	Speaker
Thu July 05 Day-3	09:00 to 11:00	Communication/Presentation Skills	Mr. Asim Majid Khan Chief Instructor, National Institute of Management, Lahore
	11:00 to 11:30	Break	
	11:30 to 01:30	Probability Concepts and Baye's Theorem; Probability Distributions	Dr. Ahmad
	01:30 to 02:30	LUNCH	
	02:30 to 04:30	One-to-one consultations Hands on experience in Lab using SAS/SPSS/MINITAB/etc.	Dr. Ahmad Mr. Bilal
	6:30	DINNER	

Date	Time	Session	Speaker
Fri July 06 Day-4	09:00 to 11:00	Probability cont..	Dr. Ahmad
	11:00 to 11:30	Break	
	11:30 to 01:30	Statistical Inference Hypothesis Testing	
	1:30 to 2:30	LUNCH	Dr. Ahmad Mr. Bilal
	2:30 to 4:30	Statistical Lab and Consultations	
	6:30	DINNER	

Date	Time	Session	Speaker
Sat July 07 Day-5	09:00 to 11:00	Animal Nutrition and Feeding Trials Lessons Learned	Dr. Shaukat Ali Bhatti, Institute of Animal Nutrition & Feed Technology, University of Agriculture, Faisalabad
	11:00 to 11:30	Break	
	11:30 to 01:30	Animal Nutrition and Feeding Trials	Drs. Bhatti, Ahmad and Bilal
	01:30 to 02:30	LUNCH	
	02:30 to 04:30	Nutritional Data Analysis-Lab	
06:30 PM	DINNER		

Date	Time	Session	Speaker
Mon July 09 Day-6	09:00 to 11:00	Confidence Interval	Dr. Ahmad
	11:00 to 11:30	Break	
	11:30 to 01:30	Inference about Mean	Dr. Ahmad and Bilal
	01:30 to 02:30	LUNCH	
	02:30 to 04:30	Participants Data Analysis and Consultations	
06:30 PM	DINNER		

Date	Time	Session	Speaker
Tue July 10 Day-7	09:00 to 11:00	Animal Breeding and Selection Trials Lessons Learned	Dr. Muhammad Sajjad Khan Chair, Dept. ABG University of Ag. Faisalabad
	11:00 to 11:30	Break	
	11:30 to 01:30	Animal Breeding and Selection Trials	Drs. Khan, Ahmad and Bilal
	01:30 to 02:30	LUNCH	
	02:30 to 04:30	Breeding Data Analysis Lab	
6:30	DINNER		

Date	Time	Session	Speaker
Wed July 11 Day-8	09:00 to 11:00	Two Means Comparisons	Dr. Ahmad
	11:00 to 11:30	Break	
	11:30 to 01:30	Participants Reports on Data Analysis; Troubleshooting	Dr. Ahmad and Bilal
	01:30 to 02:30	LUNCH	
	02:30 to 04:30	Participants Data Analysis and Consultations	
06:30 PM	DINNER		

Date	Time	Session	Speaker
Thu July 12 Day-9	09:00 to 11:00	Analysis of Variance	Dr. Ahmad
	11:00 to 11:30	Break	
	11:30 to 01:30	ANOVA cont..	Dr. Ahmad and Bilal
	01:30 to 02:30	LUNCH	
	02:30 to 04:30	Participants Data Analysis and Consultations. Final Touch on Analysis	
06:30 PM	DINNER		

Date	Time	Session	Speaker
Friday July 13 Day-10	09:00 to 11:00	Bureau of Statistics: Inner working, Data Collection and its use in Policy Making; Collaborative Opportunities	Mr. Shamim Rafique Director General, Bureau of Statistics, Govt. Punjab
	11:00 to 11:30	Break	
	11:30 to 01:30	Writing Manuscripts	Dr. Ahmad
	01:30 to 02:30	LUNCH	
	02:30 to 04:30	Participants Write up Lab	
6:30	DINNER		

Date	Time	Session	Speaker
Sat July 14 Day-11	09:00 to 11:00	Analysis of Variance-Advanced Modeling	Dr. Ahmad
	11:00 to 11:30	Break	
	11:30 to 01:30	Participants Reports on Manuscript Write-up	Dr. Ahmad and Bilal
	01:30 to 02:30	LUNCH	
	02:30 to 04:30	Manuscript Write-up	
06:30 PM	DINNER		

Date	Time	Session	Speaker
Mon July 16 Day-12	09:00 to 11:00	Pakistan Agriculture Industry: Livestock Sector-New Opportunities	Mr. Asim Majid Khan Chief Instructor, National Institute of Management, Lahore
	11:00 to 11:30	Break	
	11:30 to 01:30	Participants Reports on Manuscript Write-up; Consultations	Dr. Ahmad and Bilal
	01:30 to 02:30	LUNCH	
	02:30 to 04:30	Manuscript Write-up	
06:30 PM	DINNER		

Date	Time	Session	Speaker
Tue July 17 Day-13	09:00 to 11:00	Correlation and Regression Analysis	Dr. Ahmad
	11:00 to 11:30	Break	
	11:30 to 01:30	Participants Reports on Manuscript Write-up-Consultations	Dr. Ahmad and Bilal
	01:30 to 02:30	LUNCH	
	02:30 to 04:30	Manuscript Write-up Lab	
	06:30 PM	DINNER	

Date	Time	Session	Speaker
Wed July 18 Day-14	09:00 to 11:00	Neural Networks	Dr. Ahmad
	11:00 to 11:30	Break	
	11:30 to 01:30	Neural Network Modeling	Dr. Ahmad and Bilal
	01:30 to 02:30	LUNCH	
	02:30 to 04:30	Neural Network Lab	
	06:30 PM	DINNER	

Date	Time	Session	Speaker
Thu July 19 Day-15	09:00 to 11:00	Risk Analysis	Dr. Ahmad
	11:00 to 11:30	Break	
	11:30 to 01:30	Manuscripts Presentations and Critique	Dr. Ahmad and Bilal
	01:30 to 02:30	LUNCH	
	02:30 to 04:30	Manuscripts Presentations and Critique	
	06:30 PM	DINNER	

Date	Time	Session	Speaker
Fri July 20 Day-16	09:00 to 11:00	Proposal Writing Workshop	Dr. Ahmad
	11:00 to 11:30	Break	
	11:30 to 01:30	Proposal Writing Workshop	Dr. Ahmad and Bilal
	01:30 to 02:30	LUNCH	
	02:30 to 04:30	Manuscripts- Final Touch	
	06:30 PM	DINNER	

Date	Time	Session	Speaker
Sat July 21 Day-17	09:00 to 11:00	Final Analysis; Evaluation	Drs. Ahmad, Habib and Bilal
	11:00 to 11:30	Break	
	11:30 to 12:00	Closing Ceremony Announcements Award Distribution	Drs. Ahmad, Habib and Bilal Dr. Talat Naseer Pasha VC UVAS