

## **Workshop on Biostatistics**

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The main objective of the workshop was to enhance the concept of statistical tools used in health sciences with their applications. The workshop began at 09:15AM with the recitation of Holy Quran by Dr. Naveed Akhtar. The Vice Chancellor, Prof. Dr. Masood Hameed Khan welcomed the participants and addressed them while enlightening the efforts of DUHS in the field of research and publications.

Mr. Syed Arif Ali initiated the proceedings with the lecture on "Introduction of Biostatistics and Descriptive Measures of Data". After that, Ms. Sundus Iftikhar gave the lecture on "Basic Concept of Probability". Dr. Nazeer Khan preceded the lecture with the "Application of Probability in Health Sciences". Mr. Masood Hussain Rao and Prof. Dr. Nazeer Khan discussed "Basic Inferential Statistics".

In the second session Ms. Mehwish Hussain highlighted the concept of "Application of Inferential Statistics" with the mean of Estimation and Hypothesis Testing. Mr. Adnan Ali interceded the lecture with the "Parametric Hypothesis Testing and its Application in Health Sciences". Ms. Mehwish Hussain spoke on "Non-Parametric Hypothesis Testing and its Application in Health Sciences". Following this, Mr. Abdur Rasheed delivered the lecture on "Regression Analysis and its Application".

, Mr. Masood Hussain Rao then summed up the days presentations by various speakers. This was followed by Ms. Sundus Iftikhar who made a presentation on "Sampling Techniques".

This pre-conference workshop finished at 05:30PM after the distribution of certificates to the participants by Prof. Dr. Nazeer Khan.