
To obtain research experience in Statistics with a concentration on Biostatistical methodology, software validation, project management, data management and Clinical Trials and related field with well versed with regulatory guidelines.

Educational Qualification:

Master of Philosophy (Statistics), June 2007
Agra University, Agra U.P., India

Bachelor of Education (Mathematics), June 2006
Dayalbagh educational Institute Agra, India

Master of Science (Statistics); June 2005
Agra University, Agra U.P., India

Bachelor of Science (Mathematics); June 2003
Dayalbagh educational Institute Agra, India

Work Experience:

1. Jr. Biostatistician – Biometrics in CliniRx Research Pvt. Ltd., Gurgaon (Jan, 2008 to till date) with total experience of more than two and half year in the statistical research.

Therapeutic area includes: Neuropathic pain, CNS and Oncology

Job responsibilities and achievements:

- **Basic SAS Procedures:** Dataset, Sorting, Content, Merging, Plots, Format, printto, Proc Freq, Proc Univariate, Proc means, Proc Report, Proc SQL, Proc tabulate, SAS ODS, Data extraction from OC, Macros etc.
 - **Statistical Procedures:** Proc Logistic, ANOVA, GLM, Mixed, Npar1way, Means etc.
 - Co-coordinating with the Sponsor and the US team for statistical issues
 - Statistical analysis and review of phase II-III clinical trials
 - SAP (Statistical Analysis Plan) writing and review
 - Review and contribute in the preparation of protocol, CRF and CSR
 - Cross functional team co-ordination
 - Data management document review (DMP, Edit check specification etc)
 - Mockups TLF's preparation and review
 - Promote concept of quality and implement methods to improve quality
 - Impart training to subordinates and new entrant in the department
 - Review of the Randomization schedule generation, Sample size calculation, SOPs preparation
 - Development and validation of SAS code for statistical analysis
 - Provide expert statistical input into and review of statistical deliverables (i.e. analysis plans, table shells, programming and table specifications, data review, tables, listings, figures, external data like Lab data and statistical sections for integrated reports) and data management deliverables (i.e. database design, validation checks and critical data).
 - Interacts with staff from other operational groups (e.g., clinical, medical, data management).
 - Co-ordination between Clinical Data Management and Clinical team during trial analysis
2. **Research Student in Dept. Statistics Institute of Social Science, Agra (June 2006 to December, 2007)**

Responsibilities:

- Plan, execution, data collection & quality control of data
- Data interpretation and report writing of the research work
- To complete the research work through research papers and results
- To compile information through research and experiments for the study
- To analyze the microarray data for dissertation

Computer Skill:

Statistical Packages: SAS, SPSS, MATLAB
Database : ORACLE Clinical 4.5.0 (Basic knowledge), Access, Excel
Platforms : Windows98, Windows XP, Window 2000, Window Vista.
Languages : C, C++

Workshop, Conference and Training attended:

1. Workshop on “**Considerations when conducting clinical trials**” by **DIA** at Delhi in March 2009
2. ‘Training on “**Soft Skill training**” at CiliniRx, Gurgaon, by **Soft span Ltd** in March 2009
3. ‘Training on “**Role of Statisticians in Global Pharmaceutical companies & in CRO**” at CiliniRx, Gurgaon, in March 2009
4. ‘Training on “**Statistician’s Perspective of a Clinical Protocol and Case Report Form**” at CiliniRx, Gurgaon, in March 2009
5. ‘Training on “**Statistical SAS Procedures**” at CiliniRx, Gurgaon, in April 2009
6. Data Extraction Analysis and Reporting’ at CiliniRx, Gurgaon in May 2009
7. Workshop on “**SAS Procedures**” at CiliniRx, Gurgaon, in 09-12th May 2009
8. Training on “**Statistical SOP**” at CiliniRx, Gurgaon, in 08th May 2009
9. “**Work Process**” at CiliniRx, Gurgaon, in May 2009
10. Training on “**Soft Skill**” at CiliniRx, Gurgaon, in April 2009
11. Training held at Dept. of Statistics on “**SPSS Software**”, Institute of Social Science, Agra University, during 16-17th February, 2009 by SPSS South Asia, Bangalore.
12. Orientation Program on **SPSS** from Institute of Social Science, Agra and SPSS South Asia, Bangalore
13. Short course during 18-22 June, 2007 by Biostatistics and Research Center (BRTC), CMC, Vellore “**Short Course on Statistical Analysis System(SAS)**”
14. One month training in **SPSS Software** from Jalma Institute of Leprosy, Agra
15. “**International Conference on Statistics**” Mumbai University, Mumbai India (May 2006)
16. “**International Conference on Statistics and informatics in Agricultural Research**” Indian Agricultural Statistic Research Institute, New Delhi, India (December 2006)

Dissertation on Biostatistics:

Topic: “A Study on Designing and Analysis of Microarray Experiments”

Description: Microarray technology has become a powerful tool for determining the roles of specific genes in biological systems. Cleverly designed experiments are being used to identify genes which differentially express in specific tissues, in response to environmental factors, and at different times in biological processes, to cluster genes which may be part of the same metabolic pathway, and to cluster tissues that have similar gene expression, Microarray studies have led to interesting experimental design and statistical analysis challenges. The comparison of expression profiles across populations is one of the most common objectives of microarray experiments. In this study I have reviewed some issues regarding design and statistical analysis of Microarray experiments and its applications, after a microarray experiment is conducted and the image analysis and data normalization are performed, statistical tools are needed to deal with data sets of unprecedented complexity and dimensionality. Various statistical procedures have been studied.

Personal Details:

References:

Available upon request