**Malak Nawaz Khan Khattak**

Biostatistician/Researcher

King Saud University, Riyadh,

Saudi Arabia

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E-mail: [malaknawaz@yahoo.com](mailto:malaknawaz@yahoo.com)

Career Objective

To pursue my serious interest in clinical research with the lead in the industry, where I can implement and enhance my managerial and bio statistical skills gained so far from my experience.

Professional qualifications

Current Designation : **Researcher /Biostatistician**

Company : King Saud University, Riyadh, Saudi Arabia.

Duration : February 2015 to date (9months)

Education : M.Sc. in **Statistics**

Work Experience

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| **(1)** |  | Department of Biochemistry, Biomarker Research Program and Prince Mutaib Chair for Biomarker on Osteoporosis, King Saud University, KSA. |
| Designation: |  | **Biostatistician/Researcher** |
| Duration |  | February 2015 to date |
|  |  | **Current job role** |
|  | 1. | Coordination of biochemical and genetics projects providing necessary statistical support. |
|  | 2. | Review biochemical /genetic study designs and sample sizes. |
|  | 3. | Providing necessary support and advice to concerned data coordinators |
|  | 4. | Preparation of statistical portions of scientific manuscripts. |
|  | 5 | Data analysis using SPSS 22.0, STATA. |
|  | 6 | Calculation of sample size and power.Bottom of Form |
|  | 7. | Performing exploratory analyses of past studies, examination of literature for sample size estimation |
|  | 8. | Database development and supervision of data entry and compilation of data |
|  | 9. | Provide training to junior staff on basic statistical concepts and data design |
|  | 10. | Preparing statistical portion of literature prior to journal submission |
|  |  | **Key statistical Skills** |
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|  | 1 | Experience with **General and Generalized linear models** such as T-test, Analysis of Variance (ANOVA), Analysis of Co-variance (ANCOVA), MANOVA, Binomial Logistic regression, Multinomial logistic regression. |
|  | 2 | Excellent knowledge of **longitudinal (Repeated Measures)** statistical methods, procedures and testing |
|  | 3  4 | Excellent knowledge in categorical data analysis, survival analysis, non-parametric methods such as Kolmogorov Smirnov test, Mann-Whitney U test, Kruskal- Wallis H test, Friedman test etc  Excellent knowledge in sample size calculation G\*power3.1 and WHO Calculator. |
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| **(2)**  Company |  | College of Physician and Surgeons Regional Centre Hayatabad Medical Complex Peshawar Pakistan. |
| Designation |  | **Bio-Statistician** |
| Duration: | 1  2  3  4  5 | February 2014 to Jan 2015  **Epidemiological Consultancy of Research synopses and Dissertation.**  **Assessment of overall Research activities.**  Assessment of Research synopses and Dissertation.  Conducting Sample Size Methodology for Frequency, Mean, Comparative mean, Accuracy and Diagnostic Accuracy study.  Report writing like Monthly progress Report.  Perform any other task assigned by the supervisor and provide full programmatic support to the Manager for timely and quality implementation of the activities. |
| **(3)**  Company |  | District Health Information System Director General Health Services Peshawar Pakistan |
| Designation:  Duration |  | **Assistant Statistical Analyst**  Nov 2013-Jan 2014 |
| **(4)**  Company |  | Prevention & Control of Hepatitis Director General Health Services Peshawar Pakistan |
| Designation: |  | **Assistant Statistical Analyst** |
| Duration |  | Oct 2013- February 2014 |

Education

* Quaid-I-Azam University Islamabad, Pakistan
* Master of Science in **Statistics**, 2009
* Bachelor of Science in **Physics , Math’s A and Statistics**, 2006

Statistical Data Analysis for Publications (Biomarkers Research Program and Prince Mutaib Chair for Research on Osteoporosis) King Saud University, Riyadh KSA.

* Cytokines and Vitamin D in Saudi Postmenopausal Osteoporosis.
* Endotoxin and Bone markers in Saudi Postmenopausal Osteoporosis.
* Relationship between Vitamin D and inflammatory markers in older individuals.
* Vitamin D Deficiency and dyslipidemia in early pregnancy.
* Vitamin B12 association with inflammatory markers.
* Vitamin D Status baseline and after in Saudi school going children’s.
* Prevalence of Vitamin D Deficiency in Children from (2008-2015)
* Vitamin D Knowledge in Saudi children.
* Metabolic Syndrome in Saudi People.

Short courses/ Seminars attended

* **Research Methods Course** held at College of Medicine KSU, Riyadh, on9-13 August 2015.
* **Bioinformatics Research Scientific Meeting** held at King Saud University (Bio-KSU) on May 4th -5th, 2015, Riyadh, KSA.
* **Nutrition and Health Lecture Series** accredited by the Saudi Commission for Health Specialties with accreditation number (49653/2015) held at Marriot Hotel, Riyadh KSA. (April6,2015)
* **Synopsis-Understanding & Development** , held at Institute of Kidney Diseases, Hayatabad Medical Complex Peshawar Pakistan.(3-4th Sept- 2014)
* Ten days training on **“DATA ANALYSIS WITH SPSS & REPORT WRITING”** conducted by Pakistan Bureau of Statistics, Training Islamabad Wing in collaboration with UNFPA,Pakistan ( March, 26, 2012 to April 06, 2012)
* Five days Capacity Building Training workshop on “**DATA ANALYSIS FOR NUTRITION SURVEILLANCE**” by Health Services Academy Islamabad in collaboration with World Health Organization (April, 23, 2012 to April, 27, 2012)
* Five days Capacity Building Training workshop on **“DATA ANALYSIS FOR NUTRITION SURVEILLANCE”** by Provincial Health Services Academy Peshawar in collaboration with World Health Organization (25-29 Oct 2011)
* **Survey, work on Hepatitis B & C Prevention & Control Sentinel Sites Situational Analysis Survey**, July 2011. Government of Pakistan, Ministry of Health Government of Khyber Pakhtunkhwa, Health Department, National Program for Prevention & Control of Hepatitis Health Directorate Khyber Road Peshawar. (July, 22, 2011 to Aug, 22, 2011)
* One day Free Pre-Workshop on “**Qualitative Data Analysis”** by Institute of Research Promotion Lahore Pakistan

Professional skills

* Ability to direct and promote teamwork in a multi-disciplinary team setting
* Knowledge of Good statistical practices and regulations (GSP)

IT skills

* **Statistical Package for Social Sciences** **(SPSS 16.0)**
* **STATA & Epi-Info Packages for Statistics**
* Sample size determination using **WHO & G-power**
* Academic experience in **Minitab** and **Mat lab.**
* Programming skills in **C++** and **R**
* Good in **MS Office**

References

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| 1**.** | **Dr. Shaun Louie Sabico**  Chief Statistician/Scientific Editor  Biomarkers Research Program  Prince Mutaib Chair for Biomarkers of Osteoporosis  King Saud University, Riyadh KSA  E-mail: ssabico@ksu.edu.sa; s.l.sabico@warwick.ac.uk |

Personal Details

Nationality : Pakistani

Passport No : CA4170082 (valid till-17/11/2019)

Iqama No : 2381026562

Date of Birth, Age : 1 April 1984, 31

Gender, Marital Status : Male, married

Languages known : English, Pashto, Urdu, basic Arabic

Declaration

I hereby declare that all the information furnished above is true to the best of my knowledge**.**

29 Nov 2015

Riyadh, Saudi Arabia.

Malak Nawaz Khan Khattak.