**Samson Hadush**

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Permanent Work Authorized ▪ No Visa Sponsorship Required

**PROFESSIONAL SUMMARY**

**Biostatistician** with 7+ years of experience in the design, analysis, data management and interpretation of different social, health and clinical studies. Qualified, and caring Disability Support Worker with a passion for improving quality of life for the disadvantaged. Friendly, patient and a great communicator, I am experienced in various aspects of disabled care provision, from general domestic duties to the implementation of comprehensive care plans.

**PROFESSIONAL EXPERIENCE**

**Statistician/SAS Programmer**  **10/2012 – 12/2013**

Arass GmbH, Frankfurt, Germany

*A multinational company that exports live aquatic animals and aquariums to customers globally.*

* Managed data collection, processed and disseminated results
* Established Statistical Business database
* Cleaned and resolved data issues and merged data from different sources into a single integrated dataset
* Modified existing datasets using Set, Merge, Sort, and Update, Formats, Functions and conditional statements
* Coordinated, organized, and corresponded with national and international partners.
* Performed various statistical works to resolve and develop SAS applications using Proc SQL, Proc REG, Proc UNIVARIATE, Proc CORR, Proc ANOVA, Proc MEANS etc.
* Extensively wrote SQL programs to Extract, Manipulate and Report Data from database
* Created tables, graphs and basic statistics and communicated result with non-statisticians

**Biostatistician 3/2012 – 9/2012**

Radboud University Medical Center, Nijmegen, The Netherlands

*The Radboud University Nijmegen Medical Centre (RUNMC) is a leading Dutch institute for medical research and a leading healthcare research facility improving clinical practice and public health through policy, training, and methodology development. Responsibilities include:*

* Cleaned and prepared large phase III clinical trial data for statistical analysis
* Performed cross-sectional, linear regression, ANOVA, logistic regression, longitudinal, and survival data modeling
* Managed incomplete dataset via multiple strategies
* Prepared data for analysis by selection of appropriate subjects and variables, merging data files, transformation of data, handling of outliers, etc.
* Developed SAS Programs for Data Cleaning, Validation, Analysis and Report generation
* Developed statistical code to conduct statistical analysis of the completed studies, and assist collaborators in interpretation of statistical results
* Reviewed peer journals and retrieved data for secondary data analyses (meta-regression) based on well-defined inclusion and exclusion criteria and conduct meta-analysis
* Participated in writing of manuscripts for publication in peer review journals
* Created Analysis of Variance (ANOVA), predictive models t-Test, regression, nonparametric one-way ANOVA, linear models and mixed linear models using SAS
* Performed statistical and data analysis, generated reports, graphs and listings using SAS

**Teaching Assistant /Volunteer service 9/2002 – 9/2008**

* Teaching mathematics courses at Harnet Middle School
* Take part in after school program for kids with developmental disabilities
* Participate in community activities towards increasing community awareness towards
* Participated in the creation and delivery of tailored care plans
* Participated in studies aiming at fostering services for socially disadvantages individuals

**Statistical Analyst 10/2001 – 5/2008**

National Statistics Office, Asmara, Eritrea

*The sole institution responsible for conducting and monitoring national studies conducted in the nation. My responsibilities include:*

* Provided training and support to supervisors, field editors, and interviewers during studies
* Provided training and technical support in the operation of the national surveys (like Demographic and Health Survey (DHS), Living Standard Measurement Survey (LSMS), and Census).
* Acted as regional technical project coordinator
* Collaborated in research with line ministries and private institutions
* Organized designs and plans and carried out the collection, evaluation, analysis, compilation, and dissemination of statistical data on demographic phenomena by applying methods of data collection, selecting and implementing methods for checking collected data, and selecting and implementing appropriate methods for data processing for incorporation
* Data analysis, statistical modeling (descriptive and inferential statistics), present and interpreted statistical finding for policy making.
* Generated and produced scientific statistical reports

**EDUCATION**

**M.Sc. in Biostatistics 9/2009 – 9/2012**

Hasselt University, Diepenbeek, Belgium

* *Leading university in biostatistics programs and research in Europe.*
* *The only non-UK program recognized by the Royal Statistical Society.*

**B.Sc. in Statistics and Demography/ Minor: Economics**  **9/1997 – 6/2002**

University of Asmara, Asmara, Eritrea

**PROFESSIONAL DEVELOPMENT**

**SAS Programming 10/2013 – 1/2014**

Orison IT Solutions, New York, NY

**Training in Epidemiology 10/2012 – 3/2013**

Johannes Gutenberg University, Mainz, Germany

**Demographic Analysis & Development Context Theory, Data, Methods, Software 10/2006 – 11/2006**

National Statistics Office, Eritrea.

**PUBLICATIONS**

* L.E.H. Vanlinthout, Hadush Mesfin. S, N. Hens, B.F. Vanacker, E.N.Robertson, L.H.D.J. Booij. Factors Affecting Intubation Conditions Created by Mivacurium. Systematic review and Meta-Regression Analysis. Journal of Anaesthesia: Accepted

**PRESENTATIONS AND POSTERS**

* Hadush, M., Samson (2012). Factors Affecting Intubation Conditions Created by Mivacurium. A meta-analysis and meta-regression analysis. Presented at Institute of Medical Biometry and Statistics, University of Lübeck, Germany. November, 30, 2012
* Hadush, M., Samson. Factors Affecting Intubation Conditions Creates by Mivacurium. Systematic review and meta-regression analysis. Poster session presented at: Statistics under one umbrella. 3rd joint Statistical meeting of Deutsche Arbeitsgemeinschaft Statistik(DAGStat) ; 2013 March 18-21; Freiburg, Germany.

**PROFESSIONAL MEMBERSHIPS**

**Royal Statistical Society:** member since 2012