Curriculum Vitae

Name	Raghda Hasan Abobakr Shaaban
Nationality	Egyptian
Date of birth	8/11/1984
Place of birth	Alexandria, Egypt
Gender	Female
Marital status	Married and has two children
Telephone	+2(010)22030277
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Educational Background & Professional Certifications

2002-2008　**Faculty of Medicine, Alexandria University, Egypt**
I was granted the degree of M.B.B.ch in October 2008 with the general grade of excellent with honor.

2009-2010　**House Officer at Alexandria University Hospitals, Egypt**
I served as a house officer over a one-year period in Alexandria University Hospitals in which i practiced in the following departments:
1. *Surgery*: 2 months
2. *Pediatrics*: 2 months
3. *Gynecology and Obstetrics*: 2 month
4. *Emergency Medicine*: 1 month
5. *Internal Medicine*: 2 month
7. *Clinical pathology*: 1 month
8. *Anesthesia*: 2 months

2010　**General Practitioner in Alexandria health center affiliated to Ministry of health**

2010-2011　**Senior house officer, Department of clinical pathology, Faculty of Medicine, Alexandria University**
I served as a senior house officer in Clinical Pathology Department for around one year period and I studied for 2 semesters the following subjects with general grade A:
1. *Principles of Clinical Pathology*
2. *Fundamentals of Hematological Analysis*
3. *Diagnostic Microbiology*
4. *Medical Parasitology for Clinical Pathology*
5. *Principles of Hematology*
6. *Blood Coagulation and Hemostasis*
7. *Laboratory Techniques and Automation*

2011　**Diploma de Français medicale**
I finished diploma de Français medicale after passing nine levels of studying French for one year. It is accredited by culture and cooperation French center in Alexandria.

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2011- 2015   **Demonstrator, Department of Medical Statistics and Biomedical Informatics, Medical Research Institute, Alexandria University**

I studied for 4 semesters the following courses with general grade A:
1. *Principles of Medical Statistics*
2. *Introduction to Evidence Based Medicine*
3. *Hospital statistics*
4. *Principles of Registration of Chronic Diseases.*
5. *Intermediate Medical Statistics*
6. *Principles of Medical Research Design*
7. *Basic Genetic Epidemiology*
8. *Regression Analysis*
9. *Scientific Writing*
10. *Introduction to Personal Computers and the Internet*

2012   **Lean Six Sigma- Green belt**

I was certified in May 2012 Lean Six Sigma green belt from the Institute for Improvement Science

2015   I was granted the master degree in Medical Statistics and Biomedical Informatics in December 2015 with an "A" general grade

The thesis i submitted to the Medical Research Institute in partial fulfillment of the requirements for the master degree is entitled:

> **"Detection of Adverse Events in the Intensive Care Unit in Gamal Abdel Nasser Hospital Using Intensive Care Unit Adverse Event Trigger Tool"**

We aimed to improve the safety of the health care delivered in the intensive care unit of Gamal Abdel Nasser Hospital, the largest health insurance hospital which serves North and West of Egypt, through the detection of adverse events committed in the intensive care unit of Gamal Abdel Nasser Hospital, measure their rate of occurrence, and assess the level of harm associated with them using Intensive Care Unit Adverse Event Trigger Tool.

2015   I passed academic ILETS with overall test score of 6.5 in 19 December 2015

2015- till now   - Assistant lecturer of Medical Statistics, Department of Medical Statistics and Biomedical informatics, Medical Research Institute, Alexandria University.
- A PhD student:

I studied for two semesters the following courses with general grade A:
1. *Clinical Measurement and Accuracy of Diagnostic tests*
2. *Advanced Topics in Registration of Chronic Diseases*
3. *Evidence based guidelines*

Currently, I am studying the following courses:
1. *Systematic Review and Meta- analysis*
2. *Time series analysis*
3. *Survival analysis*
4. *Economics of health and medical care*
5. *Data reduction, classification and scale reliability*

<div align="center">**Raghda Hasan Abobakr Shaaban**</div>

Practical experience

Biostatistics

My main job at the Department of Medical Statistics and Biomedical informatics, Medical Research Institute, Alexandria University, Egypt is to practice and teach biostatistics. I have performed sample size and power calculations as well as statistical analysis for data compiled by medical researchers (physicians and pharmacists) in their healthcare settings as hospitals and ministry of health affiliated health centers.

Patient Safety and Healthcare Quality

I did my master thesis at Gamal Abd El-nasser hospital, the largest health insurance hospital which serves North and West of Egypt, reviewing medical records for occurrence of adverse events in ICU, measuring their rate of occurrence, and assessing the level of harm associated with them using Intensive Care Unit Adverse Event Trigger Tool.

Teaching and Training Skills and Experience

Lectures and practical sessions at the Medical Research Institute, Alexandria University

Since I have been appointed at the Department of Medical Statistics and Biomedical informatics, Medical Research Institute, Alexandria University as a demonstrator (2011-2015), then as an assistant lecturer in 2015, i have been teaching and training post graduate students on the following topics:
- Biostatistics (theoretical lectures, practical application in healthcare settings and SPSS training)
- Research methodology
- Sample size and power calculations
- ICD-10 (using ICD-10 Training Tool on WHO website)

Workshops

- I have *actively participated* in the planning and implementation of a two-day training workshop on "**Basic Skills for Power Point Presentation**".
- I have also *actively participated* in the preparation of a two-day training workshop on "**Case control study**".
- I attended *as a trainee* the following workshops
  - **"References and Data Management using EndNote X5"** in 25 June, 2012 by CICAP at Medical Research Institute.
  - **"Basic Statistical Techniques using SPSS"** in February, 2012 at medical technology center for research and services.
  - **"Soft skills workshop"** (which included the following sessions: Brainstorming, Gantt chart and time management) in February, 2012 at Medical Research Institute.
  - **"Pareto analysis"** in July, 2102 at Medical Research Institute.
  - **"Minitab Quality seminar"** March, 2013, in Cairo.
  - **"Central limit theorem"** in November, 2014 at Medical Research Institute.
  - **"ICD-10 training"** in April, 2015 at medical technology center for research and services.
- I also attended as *a trainee* the following workshops at the Faculty and leadership development center, Alexandria University
  - *Organizing scientific conferences*   21-22 December 2015

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- *Credit hour system*   26-27 December 2015
- *Research references management systems*   28-29 December 2015
- *Communication skills in education*   3-4 February 2015
- *Effective presentation skills*   6-7 February 2015
- *Strategic planning*   24-25 February 2015

online courses

- *Quantitative Methods in Clinical & Public Health Research* by **Dr. Marcello Pagano and Dr. E. Francis Cook**- **Harvard School of Public Health**- January 2013.
- *Statistics in medicine* by **Dr. kristin Sainani**- **Stanford University**- June 2013.
- *Writing in Sciences* by **Dr. kristin Sainani**- **Stanford University**- November 2013.
- *Data analysis and statistical inference* by **Dr. Mine Cetinkaya Rundel**- **Duke University**- August 2014.
- *Regression methods* by **PennState Eberly college of science** in June 2015.
- *Measurement in health and disease* in the **Department of Health Sciences at the University of York** in April 2016. It provides Martin Bland's teaching material for the Measurement in Health and Disease Module.

Attended Conferences

- Recent Advances in Laboratory Medicine, Alexandria 1-2 June 2011
- 6th Quality Assurance and Laboratory Management and 3rd Annual Conference of Alexandria Clinical Pathology Department- Proteomics, Transplantation and Laboratory Accreditation, Alexandria 14th- 15th December 2010.

Language skills

- Fluent in both Arabic and English
- Very good in French
- Fair in German

Computer Skills

- SPSS
- Minitab
- MedCalc
- Excel
- Power Point
- MS Word
- Internet
- ICDL