

Hesham Abdel-Meguid Abdalla Farag, PH.D.

Information Specialist / Data Analysis Expert / Data Processing Coordinator/training Expert



Curriculum Vitae

PERSONAL DATA:

Sex	Male.
Birth Date	26 Feb. 1963.
Place Of Birth	Cairo, Egypt.
Marital Status	Married.
Nationality	Egyptian.
Religion	Moslem.
Home Address	Zahraa El-Maadi, 3 rd sector, BLDG 15/21, Cairo, Egypt.
Work Address	Department of Statistics and Insurance, Faculty of Commerce, Assiut University, Assiut, Egypt.
Telephone	Home 202-2754-9491 Cellular 2011-2977-785
Email	heshama@aucegypt.edu heshama@aun.edu.eg heshama262@yahoo.com

EDUCATION:

1. Ph.D. in Operation research, Cairo University, 2009
Thesis 'Possibilistic Logistic Regression in Fuzzy Environment'
Cairo University, faculty of Economic And Political Science, Statistics Dept.
2. Master in Applied Statistics, Cairo University, 1994
Thesis 'Selection of the Best Forecasting Method: An Applied study to Egypt Tourists'
Cairo University, faculty of Economic And Political Science, Statistics Dept.
3. Bachelor of Science in Statistics Cairo University, 1985
Cairo University, faculty of Economic And Political Sciences, Statistics Dept.

LANGUAGES:

1. Arabic (Mother Tongue)
2. English, Very Good writing, reading and speaking.

RESEARCH INTERESTS AND FIELDS OF SPECIALIZATION:

- Health economy and Cost-Benefit Analysis
- Demographic and Statistical Applications with PCs
- Family Planning, and Reproductive Health, contraceptive security
- Data Analysis
- Samples Selection And Questionnaires Designs
- Fuzzy sets and Possibility Theory
- Time Series Forecasting

WORK EXPERIENCE:

A. Official Work:

1. Assistant Prof., Dept. of Statistics and Insurance, Faculty of Commerce, Assiut University, Assiut, Egypt (June. 2009 - till present).

Responsibility:

Teaching : Statistics, Operation Research, Mathematics.

Preparing: Seminars, workshops.

Providing technical assistant in Data Analysis for post-graduate students

2. Lecturer, Dept. of Statistics and Insurance, Faculty of Commerce, Assiut University, Assiut, Egypt (Oct. 1987 - till present).

Responsibility:

Assist in teaching : Statistics, Operation Research, Mathematics.

Assist in preparing: Seminars, workshops.

Providing technical assistant in Data Analysis for post-graduate students

3. Information Specialist, POLICY Project-Egypt, USAID funded project Auspices of The Futures Group In collaboration with Research Triangle Institute (RTI) and The Centre for Development and Population Activities (CEDPA) (Nov 1999 – Dec 2005).

Responsibility:

Collect, validate and prepare data files and analyses

Assist in the design, implementation, reporting of research findings

Up-dated knowledge and awareness of the DHS as well as other data collection efforts and demographic research

Assist in identifying up-to-date policy issues

4. Statistical Analyst of Socio-Economic Condition of Work in Greater Cairo Survey undertaken by Social Research Center in American University in Cairo (SRC) (Mar 1998-July 1999)

Responsibility:

Cleaning data ,Analyzing data, Creating analysis tables

5. Data Processing Coordinator and Data Entry Programmer of 1998 Interim Egypt Demographic and health Survey Carried out by El-Zanaty and Associates and sponsored by USAID Under POP III project.

Responsibility:

Designing data entry program, Supervising data entry team, Validating data, Cleaning data ,Analyzing data, Creating analysis tables

6. Data Processing Coordinator and Data Entry Programmer of 1997 Interim Egypt Demographic and health Survey Carried out by El-Zanaty and Associates and sponsored by USAID Under POP III project.

Responsibility:

Designing data entry program, Supervising data entry team, Validating data, Cleaning data ,Analyzing data, Creating analysis tables

7. Data Processing Coordinator of Baseline Survey For Support to Population Program in Upper Egypt (1997) Carried out by El-Zanaty and Associates Under the Auspices of Helsinki University Knowledge Services Ltd. Helsinki, Finland and the Ministry of Health and Population.

Responsibility:

Supervising data entry team, Validating data, Cleaning data ,Analyzing data, Creating analysis tables

8. Data processing coordinator of the In-depth study of unmet need (1996-1997) Round I and Round II Carried out Under the Auspices of the National Population Council and the Institute of Resource Development.

Responsibility:

Supervising data entry team, Validating data, Cleaning data ,Analyzing data, Creating analysis tables

9. Data processing coordinator of the 1995 Egypt Demographic and Health Survey carried out Under the National Population Council and the Institute of Resource Development (1995-1996)

Responsibility:

Supervising data entry team, Validating data, Cleaning data ,Analyzing data, Creating analysis tables, sample selection, questionnaire design.

10. Assistant researcher, 'RAPID' project undertaken by Egypt National Population Council and sponsored by USAID (Jan 1986-Feb 1987).

Responsibility:

Collecting data, preparing presentations for Egyptian Demographic Data

B. Consulting & Short-term Assignments:

- Health economist Consultant for Guttmacher Institute on a project to provide an analysis of costs as part of a research project being undertaken by Gynuity Health Projects to evaluate the use of misoprostol in the treatment of post-partum hemorrhage (PPH). (Feb 2013- until now).
- Consultant for Statistical data analysis on Frontier survey 'Improving Post-Partum Care among Low Parity Mothers in Palestine' Under the Auspices of the Population Council (Jan 2002-March 2002).
- Statistical Consultant Assistant in SAS project undertaken International Services for Information System (ISIS) 1998.
Assist in developing a sales forecasting system based on SAS.
- Computer Expert in workshop titled "A Comparative Analysis of Fertility and Reproductive Health in PAPCHILD Countries" undertaken by Arab League (Feb 1997-April 1997).
- Data Analysis Trainer in workshop titled "How to use Egyptian Demographic and Health Survey (EDHS_95) data" undertaken by the National Population Council (Nov 1997).
- Data Analysis Trainer in workshop titled "Developing and Constructing Statistical Systems" undertaken by Arab Consulting and Development Corp (ACAD) (Aug 1998).

C. Experience as a trainer:

Trainer in the following types of training courses including developing teaching materials, manuals, time schedules, monitoring, and evaluation:

1. Data analysis and decision making using SPSS for managers
2. Demographic Analysis and Applications
3. TOT for Policy analysis and Presentations skills.
4. Contraceptives forecasting.
5. Population projections
6. Advanced Quantitative Methods and Statistical Applications
7. Microcomputer Processing Systems for Survey Data Entry and analysis

D. Computer:

General operating systems and software:

- Microsoft Windows XP
- Microsoft Office (Word, Excel, Access, PowerPoint, Front Page)
- ArcView (GIS)

Statistical Applications:

- The Statistical Package for the Social Sciences (SPSS)
- MINITAB Statistical Software
- TSP Statistical Software
- WINQSB Operation Research Software
- GAMS Operation Research Software
- Epi-Info
- The Statistical Analysis System (SAS)

Demographic Applications:

- ISSA data entry and analysis for surveys
- MORTPAK-Lite (Mortality Estimations) - ANTHRO - PYRAMIDS
- DEMPROJ and SPECTRUM (Demographic Projections) - PDPM/PC

F. Experience With Data Files:

I have used the following international and regional datasets: The World Fertility Survey (WFS), Demographic and Health Survey (DHS), Pan Arab Project for Child Development (PAPCHILD), and Pan Arab Project for Family Health data files of Egypt, Sudan, Syria, Algeria, Yemen, and other countries in addition to a set of local data files.

RESEARCHES:

1. Hamed, R., El-Hefnawy, A., El-Ashram, M., Abdalla, H., 2008, " Fuzzy Logistic Regression: A Multi-objective Programming Approach", the 43th Annual Conference of Statistics, Computer Science and Operations Research, ISSR, Cairo.
2. Hamed, R., El-Hefnawy, A., El-Ashram, M., Abdalla, H., 2009, " Fuzzy Logistic Regression: A Goal Programming Approach", The 21th Annual Conference on Statistics & Modeling in Human & Social Science, FEPS, Cairo University, Cairo.
3. Hamed, R., El-Hefnawy, A., El-Ashram, M., Abdalla, H., 2009, "Possibilistic Logistic Regression Model With Minimum Fuzziness", In Mohd Tahir Ismail and Adli Mustafa (eds) 5th Asian Mathematical Conference Proceedings (Volume III), June 2009, pp 621 - 628. ISBN: 978-967-5417-55-9.

PUBLICATIONS:

1. Rowan; M, Abdel-Akahr; O, Abdalla; H, A, 2000, *Report on the Costs of the Family Planning Program in Egypt: The Costs of Family Planning Activities that Received Funding from the Public Sector, July 1997 to June 1998*, POLICY Project/Egypt.
2. Rowan; M, Abdalla; H, A, Abdel-Akahr; O, 2003, *Report on the Costs of the Family Planning Program in Egypt: The Costs of Family Planning Activities that Received Funding from the Public Sector, July 1998 to June 1999*, POLICY Project/Egypt.
3. Rowan; M, Abdalla; H, A, Abdel-Akahr; O, 2003, *Report on the Costs of the Family Planning Program in Egypt: The Costs of Family Planning Activities that Received Funding from the Public Sector, July 1999 to June 2000*, POLICY Project/Egypt.
4. Sayed; H, A, Abdalla; H, A, 2005, *Report on the Costs of the Family Planning Program in Egypt: The Costs of Family Planning Activities that Received Funding from the Public Sector, July 2000 to June 2001*, POLICY Project/Egypt.
5. Sayed; H, A, Abdalla; H, A, 2005, *Report on the Costs of the Family Planning Program in Egypt: The Costs of Family Planning Activities that Received Funding from the Public Sector, July 2001 to June 2002*, POLICY Project/Egypt.
6. Sayed; H, A, Abdalla; H, A, 2005, *Report on the Costs of the Family Planning Program in Egypt: The*

Costs of Family Planning Activities that Received Funding from the Public Sector, July 2002 to June 2003, POLICY Project/Egypt.

7. Sayed; H, A, Abdalla; H, A, 2005, Report on the Trends of the Costs of the Family Planning Program in Egypt: The Costs of Family Planning Activities that Received Funding from the Public Sector, FY 1988/89 to FY 2002/03, POLICY Project/Egypt.

REFEREES:

- Dr. Fatma El Zanaty: Professor, Faculty of Economics and Political Science, Cairo University, Cairo, Egypt and Egyptian Demography and Health Survey (EDHS) Technical Director.
- Dr. Hussein Abdel Aziz Sayed: Professor, Faculty of Economics and Political Science, Cairo University, Cairo, Egypt.
- Dr. Mona Khalifa: Professor, Statistical Studies Institute, Cairo University, Cairo, Egypt.
- Dr. Nadia Makary: Professor, Faculty of Economics and Political Science, Cairo University, Cairo, Egypt.
- Dr. Nadia Shoab: Professor, Faculty of Commerce Assiut University, Assiut, Egypt.
- Dr. Ramadan Hamed: Professor, Faculty of Economics and Political Science, Cairo University, Cairo, Egypt.
- Dr. Zienab Selim: Professor, Faculty of Economics and Political Science, Cairo University, Cairo, Egypt.