

# Curriculum Vitae



**Name: Afaf Mahmoud Mohamed Mady**

## **Education:**

- Bachelor's degree in Statistics from the Faculty of Economics and Political Science, Cairo University, May 1982.
- Master's degree in statistics from the Faculty of Economics and Political Science at Cairo University on 1/3/1988.
- Doctorate of Philosophy in Statistics from the Faculty of Economics and Political Science at Cairo University on 5/11/1994, first class honors.

## **Work Experience:**

- Lecturer in the Department of Statistics, Faculty of Economics and Political Science, as of 12-1-1982.
- Assistant lecturer in the Statistics Department, Faculty of Economics and Political Science, Cairo University, starting 3-13-1988.
- Lecturer in the Statistics Department, Faculty of Economics and Political Science, Cairo University, as of June 29, 1994.
- Assistant Professor in the Department of Statistics, Faculty of Economics and Political Science, Cairo University, as of April 1, 2002.
- Professor in the Department of Statistics, Faculty of Economics and Political Science, Cairo University, as of 10/2009.

## **Academic Experience:**

- Teaching the theory of statistics course 3 for the fourth year of the Faculty of Economics and Political Science.
- Teaching the sampling course for the third year of the Faculty of Economics and Political Science.
- Teaching the linear algebra course for the second year of the Faculty of Economics and Political Science.
- Teaching the theory of statistics course 2 for the third year of the Faculty of Economics and Political Science.
- Teaching Calculus 1 course for the second year of the Faculty of Economics and Political Science.

- Teaching the Calculus 2 course for the second year of the Faculty of Economics and Political Science.
- Teaching outside the Faculty of Economics, whether at the bachelor's level or postgraduate studies in the Faculties of Arts and Mass Communication, Cairo University.
- working for one year for King Abdulaziz Al Saud University and teaching the Principles of Statistics course in the College of Economics and Administration and arbitrating the research of some professors in the same college.
- Participating in supervising some graduation research and arbitrating some other research for the fourth year at the Faculty of Economics and Political Science.

### **Honors and Awards:**

- Participating in the Statistics Department conference throughout my work at the college, whether by attending or participating in research.
- Participating in the Institute of Statistical Studies and Research conference, whether by attending or participating in research.
- Participating in the Military Technical College conference with some research or attendance.
- Arbitration of some research submitted to the conference of the Department of Statistics, Faculty of Economics and Political Science.
- Participating in the arbitration of some research submitted to the promotion committee for assistant professors or professors.

### **Service activities:**

- Format of the statistics theory course 3.
- Participating in discussing the development of the Statistics Theory 1 course and the Statistics Theory 2 course.
- Participating in developing Calculus 1,2,3 and Linear Algebra courses in 2021.

### **Recent Publications:**

| <b>Academic Journal</b>  | <b>Year of Publication</b> | <b>Research</b>  |
|--|----------------------------|--|
| Contemporary Egypt Magazine - Egyptian Society for Political Economy, Statistics and Legislation | (1999)                     | 1-" A Model for selecting the better of two Bernoulli populations"                   |
| Scientific Journal of the Faculty of Commerce - Al-Azhar University Branch for Girls             | (1999)                     | 2- "Minimax and maximin procedures for selecting the better Exponential population " |
| Al Nahda Magazine - Faculty of Economics and Political Science                                   | (2000)                     | 3- " Decision procedures for fixed and sequential clinical trials "                  |

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|---|--------|---|
| Contemporary Egypt Magazine -<br>Egyptian Society for Political<br>Economy, Statistics and<br>Legislation | (2000) | 4- "A Two stage model for selecting one of two Normal<br>populations "  |
| Contemporary Egypt Magazine -<br>Egyptian Society for Political<br>Economy, Statistics and<br>Legislation | (2000) | 5- " Sequential decision with delayed observations " .  |
| Contemporary Egypt Magazine -<br>Egyptian Society for Political<br>Economy, Statistics and<br>Legislation | (2002) | 6- "A Two phase sampling procedures for selecting the<br>best of three Exponential distributions "                        |
| Applied Mathematical Sciences   | (2006) | 7-"Sequential design for comparing two Poisson<br>distributions with delayed observations "                               |
| Comput. Stat. Data Anal   | (2006) | 8- Some extensions of Langenberg model for clinical<br>trials with delayed observations normally distributed<br>responses |
| Applied Mathematical Sciences   | (2007) | 9- Effect of Delayed Observations on Fixed Design for<br>Exponential Distribution   |
| JP Journal of Biostatistics   | (2008) | 10- On the Mady model for clinical trials   |
| Advances and Applications in<br>Statistics  | (2008) | 11- A Bayesian Approach for an Exponential<br>Parameter with Delayed Observations   |
| Sequential Analysis-Taylor &<br>Francis   | (2009) | 12- " Decision Procedures for Selecting One of Two<br>Normal Population Variances", Sequential Analysis                   |
| Far East Journal of Theoretical<br>Statistics   | (2009) | 13- Fixed and sequential treatment allocation in<br>clinical trials   |