Curriculum Vitae

Personal Details:

- **Name:** Fauzia Ali Taweab
- **Nationality:** Libyan
- **Status:** Single
- **Gender:** Female
- **Date of Birth:** 19 March 1976
- **Address:** Tripoli, Libya
- **Mobile:** 00218919036854
- **E-mail:** fauziataweab@yahoo.com

Education and Qualifications:

- **Bachelor degree in Statistics**, Tripoli University, Tripoli, Libya, 1999
- **Master degree in Statistics**, Tripoli University, Tripoli, Libya, 2005,
  Thesis Title: *Maximum Likelihood Application to A Single Input-Single Output Neuronal Spike Train Data*
- **Ph.D degree in Statistics**, Universit Putra Malaysia, Serdang, Malyaysia, 2015,
  Thesis Title: *Parametric Cure Fraction Models for Interval-Censored with A Change-Point Based on A Covariate Threshold*

Skills and Abilities:

- a good level of statistical ability
- good user of: Excel, Minitab, SPSS, R ..etc
- the ability to analyse and interpret data
- the ability to plan and complete work to meet deadlines
- good interpersonal skills to work as part of a team

Employment:

- 2001 - 2005:   Researcher at Statistics Department, Tripoli University, Tripoli, Libya.
- 2005 - 2008:   Assistant Lecturer at Statistics Department, Tripoli University, Tripoli, Libya.
- 2015 - present: Lecturer at Statistics Department, Tripoli University, Tripoli, Libya.

Current activities:

- **Teaching:** *General Statistics, Probability, Statistical method*, *Mathematical Statistics, Regression Analysis, Sampling Techniques, etc.*
- **Research themes**: *General linear Models,Time Series Models and Biostatistics.*
- **Consultation:**
  - *Statistical Adviser for various research studies at different departments in Tripoli University.*
  - *Private Data Analyst.*

Publications:

1. **Taweab**, F. A., Ibrahim, N. A, Abu Bakar, M. R. (2016). *Cure Fraction Model for Interval Censoring with a Change-Point Based on a Covariate Threshold*. The ScienceAsia Journal.

2. Ibrahim, N. A., **Taweab**, F., & Arasan, J. (2014). *A Parametric Non-Mixture Cure Survival Model with Censored Data.* In Computational Problems in Engineering (pp. 231-238). Springer International Publishing.

3. **Taweab**, F., Ibrahim, N. A., & Arasan, J. (2015). *A Bounded Cumulative Hazard Model with A change-Point According to a Threshold in a covariate for RightCensored Data*. The Appl. Math. Inf. Sci, 9(1), 69-74.

4. **Taweab**, F., & Ibrahim, N. A. (2014). *Cure Rate Models: A Review of Recent Progress with a Study of Change-point Cure Models when Cured is Partially Known*. Journal of Applied Sciences, 14(7).

5. **Taweab**, F. A., Ibrahim, N. A, Arasan, J, Abu Bakar, M. R.,. (2014). *"NonMixture Cure Model for Interval Censored Data: Simulation Study"*.Malaysian Journal of Mathematical Sciences 8(S):37- 44.

6. **Taweab**, F. A., Ibrahim, N. A, Arasan, J and Abu Bakar, M. R *Cure Fraction Estimation for Mixture Cure Model with Censored Data*. Proceedings of 12th Islamic Countries Conference on Statistical Sciences (ICCS-12)December 19-22, 2012 at Qatar University, Doha, Qatar.

7. **Taweab**, F. A., Ibrahim, N. A, Abu Bakar, M. R. *Non-Mixture Cure Model for Interval Censored Data: Simulation Study*. In Presentation of the International Conference on Mathematical Sciences and Statistics 2013 (ICMSS2013), Malaysia.

8. Ibrahim, N. A, **Taweab**, F. A.,(2014). *Lognormal cure-rate model for survival data*.In Book of Abstract of the International Congress of Math- ematicians, August 13 - 21, 2014, COEX, Seoul, Korea.

9. **Taweab**, F. A., Ibrahim, N. A, Abu Bakar, M. R. *Cure Fraction Model for Interval Censoring with a Change-Point Based on a Covariate Thresh- old*. In Presentation Proceeding of the 3rd

International Conference on Computer Engineering and Mathematical Sciences 2014 (ICCEMS 2014),Decem- ber 4-5, Langkawi, Malaysia.

10. Emhemmed, Y. M., & **Taweab**, F. A. (2013). *Empirical Examination of the Threshold Model of Nerve Cell Firing*. Global Journal of Microbiology & Biochemistry, 1(1),