

CURRICULUM VITAE

Name: Dr.Mahmoud Mohamed Nahar Al-Helan
Date of Birth : 17 April 1962
Place of Birth : Taibeh, Irbid, JORDAN
Nationality : Jordanian.



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Education:

1996 Ph.D. in Applied Statistics, University of Wales (UK)
1986 M.Sc. in Applied Statistics, Yarmouk University (Jordan)
1984 B.Sc. in Statistics, Yarmouk University (Jordan).

PhD Thesis Title:

Incremental Information Content of Earnings, Cash Flow, and Fund flow: A Comparison of Alternative Forecasting Models.

Master Thesis Title:

Some Tests Of Independent: A Monte Carlo Study.

Employment and Academic Career:

INSTITUTE	STATUS	PERIOD
Royal Jordanian Society	Researcher	9/1986 - 10/1987
Mu'tah University	Lecturer	10/1987 - 10/1990
Mu'tah University	Instructor	10/1990 - 10/1992
Mu'tah University	Assistant Prof.	9/1996 - 11/2001
Mu'tah University	Associate Prof.	11/2001 - 9/2002
Ministry of Higher Education, Sultanate of Oman	Associate Prof.	9/2002/ - 9/2003
University of Bahrain	Associate Prof.	9/2003 - 9/2006
Mu'tah University	Associate Prof.	9/2006- 5/2013
Mu'tah University	Full Prof.	5/2013-now

Teaching Experience:

I taught the following Courses many times:

In College of Business Administration:

Mathematics for Business, Operation Research For Business, Statistics for Business, Applied Mathematics, Advanced Mathematics, Applied Business Statistics, Advanced Business Statistics and Quantitative Methods.

In the College of Science:

Introduction to the Probability and Statistics, Probability Theory, Mathematical Statistics, Advanced Mathematical Statistics, Time Series Analysis and Their Application, Quantitative Methods and Data Analysis, Operation Research, Experimental Designs, Sampling Theory, Sampling Distribution, Bio-statistics for the Medicine College, Calculus I, II, and III, Linear and Multiple Regression Model, Linear algebra, Discrete Mathematics for Computer Sciences, Data Analysis SPSS, MINTAB, TSB, MATLAB, ICDL, and SAS Packages.

The Committees that I participated in are:

1. A member of the Dept. of Maths. & Stats. Since 1996
2. A member of the academic council of the college of sciences during the academic year 1999/2000.
3. The college of sciences representative in the University Council in the academic year 2000/2001
4. A supervisor of a committee of the student Union at Mu'tah University in the years 1999, 2001.
5. A member of a committee to study the academic status at Mu'tah University.
6. A member of the supervising committee in the Model School of Mu'tah University.
7. Various internal committees in the Faculty of Sciences and Department.
8. Member of University of Wales Center of Applied Statistics.
9. Member of Postgraduate Student in the University.
10. Member of a committee for Journal Li-Buhuth Wad-Dirasat for Natural and Applied Sciences Series 2008/2009.
11. Head of Department of Statistics, Taibah University, KSA 2011-2018

12. Member of Postgraduate Student in Taibah University, KSA, 2015-2019
13. The college of sciences representative in Taibah University Council in the academic year 2014/2015
14. The college of sciences representative in Taibah University Council in the academic year 2016/2017
15. The college of sciences representative in Taibah University Council in the academic year 2017/2018
16. The college of sciences representative in Mutah University Council in the academic year 2019/2020

Publications:

Name of Research	Date & Place of Publication
The Incremental Information Content of Accruals: Evidence based on the exponential Smoothing of Levels and Trends in Earnings, Funds Flow, and cash Flow.	Journal of Business Finance. Vol.24, No.7,8 September, 1997, (UK)
An Aligned rank transformation Test in Randomized Complete Block Designs	Mu'tah Lil-Buhuth Wad-Dirasat. Vol. 13, No. 2, 1998.
Modeling and Forecasting the exchange rate of Jordanian Dinar Versus Four of the Major international Currencies.	Mu'tah Lil-Buhuth Wad-Dirasat. Vol. 16, No. 1, 2001.
Comparison of the Time Series and Regressions Models for Forecasting Mu'tah University Restaurant Sales	Al-Manarh, Al al-Bayt University Vol. 4 No.2. 1999
Asymmetric GARCH Models For Jordanian Stock Returns.	Abhath Al- Yarmouk Journal for Pure Science and Engineering Series. Vol.22, No,4 2002
Small Sample Properties of the Maximum Likelihood Estimation of ARFIMA Model	Mu'tah Lil-Buhuth Wad-Dirasat. Vol. 17, No. 2, 2002
Forecast Performance of ARFIMA models	Mu'tah Lil-Buhuth Wad-Dirasat. Vol. 18, No. 2, 2003
Forecast performance of Asymmetric GARCH models	Mu'tah Lil-Buhuth Wad-Dirasat. Vol. 20, No. 1, 2005
Volatility Forecasting with Long Memory: Evidence from Jordan Stock Market.	Mu'tah Lil-Buhuth Wad-Dirasat. Vol. 21, No. 1, 2006
A comparison of GARCH with ANN model for Forecasting Stock Index Returns.	Mu'tah Lil-Buhuth Wad-Dirasat. Vol. 22, No. 2, 2007
Modeling and Forecasting Volatility of Returns on the Jordanian Stock Index using GARCH Models	Mu'tah Lil-Buhuth Wad-Dirasat. Vol. 22, No. 3, 2007

Long Memory Estimation of FIGARCH Model	Mu'tah Lil-Buhuth Wad-Dirasat. Vol. 23, No. 4, 2009
Modeling and Forecasting Volatility of Returns on the Jordanian Stock Index using GARCH Models	Mu'tah Lil-Buhuth Wad-Dirasat. Vol. 23, No. 4, 2009
Performance of the FIGARCH model comparisons with NN: Simulation Study	Abhath Al- Yarmouk Journal for Pure Science and Engineering Series. Vol.31, No,2 2011
Long Memory Estimation of FIGARCH Model	Mu'tah Lil-Buhuth Wad-Dirasat. Vol. 24, No. 4, 2009
Artificial Neural Networks Models for Forecasting Inflation Rate of Kingdom Saudi Arabia (KSA)	European Journal of Scientific Research Volume 92 Issue 1, December, 2012
The Busy Period of an M/M/1 Queue with Balking and Reneging	Journal of Applied Mathematical Modeling Volume 37, 2013, pp.9223-9229
A Continued Fraction Approach for the Transient Solution of an M/M/c Queue with Balking and Reneging	JÖKULL Journal Volume 64, Issue 4, April 2014, pp.234-245
On The Distribution of A busy period for the Single Server Queue with Balking, Catastrophes and Repairs	Journal of Applied Mathematical Modeling Volume 39, 2015, pp.8564-8571
Concomitant's of Generalized Order Statistics from Bivariate Burr XII Distribution	Aligarh Journal of Statistics Vol.38 (2020) 1-18

Conferences :

- The Annual Conference on Statistics, Computer Sciences, and Operation Research. Egypt, 10-12, December 1998
- The Annual Conference on Statistics, Computer Sciences, and Operation Research. Egypt, 18-20, November 2000

- The Annual Conference on Statistics, Computer Sciences, and Operation Research. Egypt, 20-22, December 2001.
- The Annual Conference on Statistics, Computer Sciences, and Operation Research. Egypt, 17-20, December 2002.
- The Annual Conference on Statistics, Computer Sciences, and Operation Research. Egypt, 11-14, December 2004.
- International Conference in Economics and Finance, university of Malaysia Sabah, Malaysia, 26-27 May 2005.
- The Annual Conference on Statistics, Computer Sciences, and Operation Research. Egypt, 21-25, December 2005.
- 9th WSEAS International conference on applied statistics, Istanbul, Turkey, 27-29, May, 2006
- The Annual Conference on Statistics, Computer Sciences, and Operation Research. Egypt, 3-6, December 2006.
- The First Arab Statistical conference , Jordan 12-13-Nov.2007
- The Annual Conference on Statistics, Computer Sciences, and Operation Research. Egypt, 4-7 December 2007.
- The Annual Conference on Statistics, Computer Sciences, and Operation Research. Egypt, 21-25 December 2008.

Referee's Names

1. Prof Mousa Al-Nabhan, School of Educations, AGU, Bahrain
2. Prof Abu Jaffer Sufian, Bahrain University, drsufian@yahoo.com
3. Prof. Omar Juhmani, Bahrain University, Head of Acc. Dep.,
ojuhmani@hotmail.com
4. Prof. Shahjahan khan, President, ICSSC, Australia, khans@usq.edu.au