

CURRICULUM VITAE

- Name** : Shafiq Ahmed Mohamad El-Atoum
- Present Position** : Professor of Statistics and Quantitative Methods
New York Institute of Technology (NYIT), Amman Branch,
School of Management
- Date of Birth** : 1941
- Positions Held** : 1- Assistant Professor of Statistics and then Associate Professor and **Full Professor** of Statistics, Quantitative Methods and Population Studies, The University of Jordan (Faculty of Economics and Administrative Sciences (FEAS), Faculty of Humanities and Social Sciences (FHSS), Faculty of Business) since 1976 till 2006. At the Present Time, Professor of Statistics and Quantitative Methods at New York Institute of Technology (NYIT), Amman Branch, School of Management
- 2- Chairman of Department of Economics & Statistics during the Academic Years 1983/1984, 1987/1988, 1988/1989.
- 3- Head of Statistics & Planning Unit, the University of Jordan during the Period 1981-1984.
- 4- Vice- Dean (FEAS), the University of Jordan, 1985/1986
- 5- Dean of Faculty of Economics & Administrative Sciences (FEAS), The University of Jordan, 1991-1993
- 6- Dean of the Faculties of Administration and Economics, Arts and Law, Philadelphia University, 1993/1994
- 7- Vice-President, Philadelphia University, Jordan, 1996/1997
- 8- Dean of the Faculty of Humanities and Social Sciences, the University of Jordan, 1999-2003
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- P.O.Box** : 1779, Amman 11941
- Marital Status** : Married
- No of Children** : 4
- Nationality** : Jordanian
- Qualifications**: 1- B.Sc. Statistics, 1969, Cairo University, Faculty of Economics and Political Science, U.A.R.
- 2- Diploma Statistics, 1972, London University, LSE, U.K.
- 3- M.Sc. Statistics, 1973, London University, LSE, U.K.
- 4- Ph.D. Statistics, 1976, Leeds University, U.K.
- 5- Post-Doctoral Year, 1978/1979, Princeton University, U.S.A.
- 6- Fulbright Fellowship, 1986/1987, Duke University, U.S.A.
- Academic Ranks**: 1- **Full Professor** on May 8, 1988
- 2- Associate Professor on March 20, 1983
- 3- Assistant Professor on August 31, 1976 and class A on August 9, 1981
- 4- Teaching Assistant on October 27, 1969 to July 1, 1976

Teaching and Supervising Duties

My teaching duties, from 1976 till now, included courses for undergraduate and graduate students in the departments of Economics, Business Administration, Accounting, Finance, Marketing, Public Administration, Political Science, Health Services Management and Population Studies. These courses included: Principles of Statistics, Statistical Inference, Sampling, Regression Analysis, Time Series Analysis, Mathematical Economics, Econometrics, Operations Research, Mathematics for students of Economics and Business, Principles of Demography and Advanced Methods of Demographic Analysis, Financial Statistics, Research Methods.

I supervised, during this period, a number of M.Sc. dissertations in the departments of Economics and Population Studies and participated in discussion of many others in different departments.

Grants and Awards

- 1- Scholarship from the British Council for Diploma, M.Sc. and Ph.D in Statistics during the period 1971-1976 in, London University(LSE), Leeds University, U.K.
- 2- One year fellowship from the United Nations Fund for Population Activities(UNFPA), 1978/1979, Princeton University, U.S.A.
- 3- Middle East Research Award (MEAwards), Population Council, 1980/1981
- 4- Two-Month grant for research from World Fertility Survey (WFS) and International Statistical Institute (ISI), 1980/1981, London, U.K.
- 5- Fulbright Post-Doctoral Research Award, 1986/1987, Duke University, U.S.A.

Leaves

- 1- Faculty Fellowship, 1978/1979, Princeton University, U.S.A.
- 2- Sabbatical Leave, 1986/1987, Duke University, U.S.A.
- 3- Sabbatical Leave, 1993/1994, Philadelphia University, Jordan
- 4- Sabbatical Leave, 1996/1997, Philadelphia University, Jordan
- 5- Sabbatical Leave, 2003/2004, Amman Arab University for Higher Education, Amman, Jordan

Papers & Books

- 1 - Bayesian inference for the Von Mises-Fisher distribution (joint paper with Prof. K.V. Mardia, University of Leeds, U.K.), *Biometrika*,1976
- 2 - Non-parametric tests and the Von Mises-multisample case, *Dirasat*, The University of Jordan, 1978
- 3 - Bayesian estimators for the Von Mises-multisample case, *The Proceedings of the Thirteenth Annual Conference in Statistics, Computer Science and Operations Research*, I.S.S.R. Cairo University, 13-15 March 1978
- 4 - Bayesian treatment of outliers on a circle, *Dirasat*, The University of Jordan, 1978
- 5 - Infant and child mortality differentials in Amman-Balqa: estimates from 1976 Jordan World Survey (WFS), *Dirasat*, The University of Jordan, 1982

- 6 - Principles of Statistics (in Arabic), 1982, Amman, Jordan
- 7 - Duration specific marital fertility in Egypt (joint paper with Prof. Ansley Coale, Princeton University), Population bulletin of ECWA, 1982
- 8 - Supervising the preparation of the statistical year book and other publications for the University of Jordan 1982/193, 1983/1984
- 9 - Introduction in Statistical Techniques (in Arabic), 1985, Amman, Jordan
- 10- Multivariate analysis: socio- economic determinants of proportion dead among children ever born in Jordan, Dirasat, The University of Jordan, 1985
- 11- Statistical treatment of demographic data, a case study: Childhood mortality in Amman-Balqa region, Dirasat, The University of Jordan, 1985
- 12- Statistical Inference and its Applications in Economics and Business (in Arabic), 1986, Amman, Jordan
- 13- Arabization of statistical terms (with others), Fifth Conference of Arabization, 21-26 September, Amman, Jordan
- 14- Proximate determinants of fertility in Jordan, Dirasat, The University of Jordan, 1987
- 15- Determinants of some health indicators in the squatter areas of Amman, The Egyptian Journal of Population and Family Planning, Cairo, 1987
- 16- Assessment of the effect of socio-economic factors on child mortality in the Amman Upgrading Areas, 1985, The Egyptian Journal of Population and Family Planning, 1987
- 17- Introduction in Statistical Techniques, Second Edition (in Arabic), 1992, Amman, Jordan
- 18- Statistical Analysis Vol. 1 (in Arabic), 1995, Amman, Jordan
- 19- Statistical Analysis Vol. 2 (in Arabic), 1995, Amman, Jordan
- 20- Adult Mortality and Life Tables Formation in Jordan, Dirasat, The University of Jordan, 1997
- 21- Statistical Analysis of Financial Data Using SPSS, 1997, Amman, Jordan
- 22- Assessment Study of the Statistical Economic and Social Information System in Jordan, (with others), 1997, Department of Statistics and World Bank
- 23- Human Development Index, Human Development Report (with others), 1998, Ministry of Planning and UNDP
- 24- Monitoring the 20/20 Initiative Compact in Jordan (with others), 1998, UNDP
- 25- Design and Revision of the Questionnaire, Designing and Selecting the Sample, Collecting the Data and Primary Analysis of the Study "Analysis of Demand, Access and Usage of Water by Poor Households in Jordan" (with others), 1999, in Cooperation with ZEF, University of Bonn, Germany
- 26- Operations Research, 2007, Amman, Jordan
- 27- Statistical Methods: Applications in Economics and Business Using SPSS, 2008, Amman, Jordan
- 28- Development of real-estate prices during the last ten years: Sales movement and areas of concentration. The effect of using computer on production in the Main Real-Estate Registration Department and the busiest branches of this department, 2000, Real-Estate Registration Department, Amman, Jordan

Conferences and Seminars

- 1 - Regional Seminar on Demographic Data Collection and Analysis, (ECWA), 30th October to 10th November 1976, Amman, Jordan
- 2 - The Thirteen Annual Conference in Statistics, Computer Science and Operations Research, (I.S.S.R), Cairo University, 13-15 March 1978, Cairo, Egypt

- 3 - Population Association of America Conference, 15-18 April 1979, Philadelphia, U.S.A
- 4 - Seminar on the Findings of the 1976 World Fertility Survey and Population Policy in Jordan, April 1980, Amman, Jordan
- 5 - Study Group on the Subject: Health and Mortality in Infancy and Early Childhood, Population Council, 18-20 May 1980, Cairo, Egypt
- 6 - World Fertility Survey Conference, 7-11 July 1980, Wembley Conference Center, London, U.K.
- 7 - Conference on International Migration in the Arab World, ECWA, 11-16 May 1981, Nicosia, Cyprus
- 8 - Workshop on Multivariate Data Analysis, Population council, 2-26 July 1981, Istanbul, Turkey
- 9 - First International Conference on Teaching of Statistics, ISI, 8-13 August 1982, Sheffield, U.K.
- 10- Symposium on Population, Fertility and Family Health, 28-30 August 1984, Amman, Jordan
- 11- Round Table Seminar on Population in the Arab World, Center for Social Science Research and Documentation for the Arab Region(ARCSS, UNESCO), 10-14 December 1984, Amman, Jordan
- 12- The Fourth Annual Conference of the Royal Academy for Islamic Civilization Research, Al Albait Foundation, The Muslim Demographic Program, 6-9 May 1985, Amman, Jordan
- 13- The International Union for the Scientific Study of Population(IUSSP), Twentieth General Conference, 5-12 June 1985, Florence, Italy
- 14- The Fifth Conference of Arabization of Statistical terms, 21-26 September 1985, Amman, Jordan
- 15- Seminar on the Preliminary Findings of the Amman Urban Development Department Studies in 1981 and 1985, 10-11 December 1986, the World Bank, Washington D.C., U.S.A.
- 16- First Islamic Countries Conference on Statistical Sciences, 27-31 August 1988, Lahore, Pakistan
- 17- Workshop on the Studies and Research of Listeners and Viewers, Arab league, 24-29 1989, Tripoli, Libya
- 18- Seminar on Jordan Population and Family Health Survey, Department of Statistics, 9-10 February 1993, Amman, Jordan
- 19- The Thirtieth Annual Conference in Statistics, Computer Science and Operations Research, (I.S.S.R.), Cairo University, 16-18 December 1995, Cairo, Egypt

Committees and Councils at the University of Jordan

- 1 - Member of "The Committee of Graduate Studies" 1979/1980
- 2 - Member of "The Committee of Administrative Development" 1984/1985
- 3 - Member of "The Higher Committee of Planning and Development" 1982-1984
- 4 - Member of "The Council of the Computer Center" 1982-1984
- 5 - Member of "The University Council" 1982/1983, 1991-1993, 1999-2003
- 6 - Member of "The Committee for Setting up Rules of Acceptance at the Faculties of Arts, Economics and Administrative Sciences and Education" 1987/1988
- 7 - Member of "The Committee of Scientific Research at the University" 1985/1986

- 8 - Member of "The Committee of Evaluating the Academic Achievement of the University" 1987/1988
- 9 - Member of "The Committee of Evaluating the Academic Achievement of the University" 1989/1990
- 10- Member of "The Council of the Faculty of Economics and Administrative Sciences" 1979/1980, 1983/1984, 1985/1986, 1987-1989, and Chairman of the Council 1991-1993
- 11- Member of "The Editorial Board of Dirasat" 1989-1991
- 12- Chairman of "The of the Financial Committee (this committee represents the council of deans at the university in financial matters)" 1991-1993
- 13- Member of "The Council of the Center for Consultations, Technical Services and Studies" 1991-1993
- 14- Member of "The Council of the Computer Center" 1992/1993
- 15- Member of several committees over the years on the university, faculty and department levels
- 16- Member of "The Appellate Punitive Council for Faculty Members at the University" 1994/1995, 1995/1996
- 17- Member of "The Curriculum Committee at the University" from 7/12/1999 till 1/9/2003
- 18- Member of "The Committee of Recruitment and Promotion at the University" 2002/2003
- 19- Member of "The Committee of Accreditation of Scientific Journals at the University" 2002/2003
- 20- Member of "The Primary Punitive Council for Faculty Members at the University" 1999/2000
- 21- Chairman of "The Primary Punitive Council for Faculty Members at the University" 2000/2001
- 22- Chairman of the council of the Faculty of Humanities and Social Sciences from 7/12/1999 till 1/9/2003
- 23- Many Other Committees at the University Level as a Dean of the Faculty of Humanities And Social Sciences

Off-Campus Activities, Training and Evaluation of Papers, Projects, Studies and Books

- 1- Member of "The Board of Pension Fund in Jordan"(for two years)
- 2- Teaching, research and training at the Center of Statistical Training, Department of Statistics, Ministry of Planning, Jordan, 1980-1995
- 3- Teaching statistics for students of police sciences, Mu'tah University, Jordan, 1979-1982
- 4- Member of "The Consulting Committee in the Department of Economics", Royal Scientific Society, Jordan, 1982
- 5- Member of "The Consulting Committee of the Statistical Training Center", Department of Statistics, Ministry of Planning, Jordan, 1984-1991
- 6- Two week training course in quantitative methods for employees from different departments in South Yemen, 1984
- 7- Training program for officers from the military armed forces, Jordan Public Administration Institute, Jordan, 1985

- 8- Training course in quantitative methods for some employees of the Housing Bank, Statistical Training Center, Department of Statistics, Ministry of Planning, Jordan, 1988
- 9- Member of "The Preparatory Committee for a Seminar on Moslems in the World" Al Albait Foundation, Jordan, 1989
- 10- Member of "The Curriculum Committee of the University of Applied Sciences", Amman, Jordan, 1990
- 11- The University of Jordan representative in "The Preparatory Committee of Jordan Population and Family Health Survey" Department of Statistics, Ministry of planning, Amman, Jordan, 1990
- 12- Teaching statistics and quantitative methods for CFA, CIA, CPA exams, The University of Applied Sciences, Amman, Jordan, 1993
- 13- Part-Time Professor of Quantitative Methods and Applied Statistics for Higher Diploma and M.Sc. students in Accounting, Finance, Insurance Commercial banks and Islamic Banks, The Arab Academy for Banking and Financial Sciences, Amman, Jordan, for ten years since 1990
- 14- Member of "The Technical Committee Supervising the Study of Small Establishments(Unorganized Sector) and its effect on GDP", Ministry of Planning, Jordan, 1992
- 15- Member of "The Technical Committee Supervising the Study of Small Establishments(Unorganized Sector) and its effect on the Remedy of Unemployment", Ministry of Planning, Jordan, 1995
- 16- Member of "The UN Technical Committee Supervising and Evaluating the Study of the Determinants of Childhood Mortality from 1990 Fertility and Family Health Survey', Department of Statistics, Jordan, 1996
- 17- Chairman of "The Economic and financial Sciences for 1997 Abdul Hameed Shoman Prize for the Young Arab Scientists", Amman, Jordan, 1998
- 18- Training course in statistical analysis of financial data using SPSS, 15-26 June, 1996, The Arab Academy for Banking and Financial Sciences, Amman, Jordan
- 19- Training course in statistical analysis of financial data using SPSS, 31 May-26 June, 1997, The Arab Academy for Banking and Financial Sciences, Amman, Jordan
- 20- Training in statistical methods and skills and business decision making, 13-15 June, 1998, National Center of Management and Training, Abu Dhabi, UAE
- 21- Training in statistical skills in planning and studies, 19-23 June, 1998, National Center of Management and Training, Abu Dhabi, UAE
- 22- Establishment and Development of Modern Statistical Systems, 19-23 June, 1998, National Center of Management and Training, Abu Dhabi, UAE
- 23- Training course in statistical analysis of financial data using SPSS, Institute of 12-16 September, 1999, Institute of Banking Studies, Central Bank of Jordan, Amman, Jordan
- 24- Training in using SPSS in the analysis of statistical data(for two weeks), December 1999, Institute of Public Administration, Amman, Jordan
- 25- Training in statistical skills(for one week), June 2000, Dubai, UAE
- 26- Training in statistical skills(for one week), June 2001, Dubai, UAE
- 27- Chairman of the Specialized Committee of Degrees Equilibrium in Humanities and Social Sciences in the Ministry of Higher Education, Jordan(for four years)

Evaluation of Papers

I evaluated many papers introduced by researchers for publication in respectful journals in the region. Some of these journals are:

- Dirasat, The University of Jordan, Amman, Jordan
- Journal of Social Sciences, Kuwait University, Kuwait
- Journal of Abhath Al Yarmouk, Al Yarmouk University, Jordan
- Journal of Al Najah Lilabhath, Al Najah University, Nablus
- Journal of the Center of Research and Human Resources Development, King Saud University, Kingdom of Saudi Arabia
- Al Manarah Journal, Al Albait University, Jordan
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Evaluation of Books and Research Projects

I evaluated many books and research projects introduced to academic institutions, companies or ministries for promotion or applying for financial support. Some of these are:

- Deanship of Scientific Research, The University of Jordan
- Arab Organization of Administrative Sciences
- Ministry of Higher Education in Jordan
- UNRWA, UN
- Ministry of Culture, Jordan
- Al Albait University, Jordan
- The Arab Academy for Banking and Financial Sciences, Amman, Jordan
- The University of Applied Sciences, Jordan
- UNFPA, UN
- UNDP, UN
- Other Universities in Jordan and Other Arab Countries