

Curriculum Vita



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Education

- 1997-2001 **Doctor of Philosophy in Statistics (Ph.D.)**
University of Southampton, Southampton, U.K. (July 2001).
- 1990-1991 **Master of Science in Mathematical Statistics (M.Sc.)**
Carleton University, Ottawa, Ont., Canada. (August 1991)
(Additional studies in Econometrics)
- 1989-1990 **English as Second Language**
Center for Applied Language Studies, Carleton University,
Ottawa, Ont. Canada. (Sept. 11 to Dec. 8, 1989)
- 1989-1990 **English as Second Language**
English Language Center, Institute of Public Administration,
Riyadh, Saudi Arabia. (April to July 26, 1989)
- 1982-1987 **Bachelor of Science in Statistics (B.Sc.)**
King Saud University, Riyadh, Saudi Arabia. (June, 1987)
- 1979-1982 **High School Diploma**
Al-Farog High School, Riyadh, Saudi Arabia. (June, 1982)

Experience

10/2016-Todate	Director General of Tourism Information & Research Center Tourism Information & Research Center, Saudi Commission for Tourism and National Heritage.
10/2015-Todate	Associate Professor Department of Statistics and Operations Research. College of Science, King Saud University, Riyadh, Saudi Arabia.
05/2014- 08/2016	Dean for Deanship of Development and Quality King Saud University, Riyadh, Saudi Arabia.
11/2010- 05/2014	Vice-Dean for Development and Quality College of Science, King Saud University, Riyadh, Saudi Arabia.
4/2008-11/2010	Head of Quality Unit College of Science, King Saud University, Riyadh, Saudi Arabia.
3/2002-10/2015	Assistant Professor Department of Statistics and Operations Research. College of Science, King Saud University, Riyadh, Saudi Arabia.
2/1996-3/2002	Lecturer Department of Statistics and Operations Research. College of Science, King Saud University, Riyadh, Saudi Arabia.
10/1995-2/1996	Lecturer General Department of Economic and Financial Program (GDEF), Institute of Public Administration (I.P.A.), Riyadh, Saudi Arabia.

Job duties were:

- (1) Teaching statistical and mathematical courses (please see attached sheet).
- (2) Developing semester-plans for the training programs, and coordinated the department activities and admissions with the Registration Department.

(3) Participation in designing new statistical programs, such as:

- (i) Data analysis using SAS.
- (ii) Biostatistics.
- (iii) Exploratory Data Analysis and SAS Application.

8/1991-10/1995

Trainer

Institute of Public Administration (I.P.A.), Riyadh, Saudi Arabia.

Job duties the same as above (10/1995 - 2/1996).

9/1987-8/1991

Teaching Assistant

Department of Program Design and Evaluation I.P.A. Riyadh, Saudi Arabia.

Job Duties Included:

1. Teaching elementary courses in statistics and mathematics.
2. Analysis of the trainer's evaluation.
3. Designing questionnaires for the I.P.A.
4. Researches on evaluating the on job training programs.

8/1981-1/1982

Mail Agent Saudi Arabian Airlines, Riyadh, Saudi Arabia.

Consulting services and university services:

From 08/2009- 12/2010

Lecturer for King Faisal Air College in the field of Statistics and Operations Research.

From 02/2009 to 02/2010

Consultant for The Centennial Fund (TCF) in the field of Total Quality Management and Statistics (survey studies).

From 12/2008 to 12/2009

Supervisor for International Scientific Twinning Program at King Saud University.

From 06/2007 to 06/2008

Consultant for Ministry of health, King Fahd Medical City; Constructing Information Control Center with Enterprise Data Warehouse (EDW) in KFMC and providing consultancy for:

- Provided support for auditing and accreditation process to meet external quality assurance requirements.
- Developing operational Business Intelligence services.
- Provides up-to-the-moment statistics that is relevant to the needs and is accessible in terms of location and availability.
- Providing Benchmarking, Dashboards, Balance Scorecard, and reporting system.

From 09/2002 to 08/2006

Consultant for Ministry of Planning, Central Department of Statistics (CDS); Providing consultancy for:

- Provided support and training for Quality Data Collection.
- Participate in designing population census population plan.
- Participate in developing the questioner for the Population and Housing Census of 1425.
- Participate in training census staff to train data collectors in the Population and Housing Census of 1425.
- Participate in designing economical and social survey reports.
- Participate in designing Household survey.

From July 2004 to end of academic year 2004/2005

Consultant for The national institute for specialized health training, A member of Dallah Al Baraka Group. Constructing and designing courses in Biostatistics and mathematics, which meet the objectives of the institute programs and approved by Loma Linda University. As well, teaching those courses in academic years 2004/2005 and 2005/2006.

Refereeing

- Referee to the John Wiley & Son Inc for the chapter of “Statistical Process Control” in the Handbook of Technology Management (Three Volume Set).
- Referee to the Journal of King Saud University (Science).
- Referee to the Journal of King Abdulaziz University.
- Referee to the Journal of Institute of Public Administration (IPA).

Research and Work Interests:

1. Quality:

- Quality Control, Quality Improvement, and Total Quality Management, with decomposing statistical data into fault tolerance and error recovery for enhancing quality performance to higher levels.
- Quality Assurance and Accreditation process.
- Acceptance Sampling and Sampling survey.

2. Stock market technical analysis:

- Identify non-random price patterns and trends.
- The study of price charts, especially search for archetypal patterns, such as the well-known head and shoulders reversal pattern.
- Study such indicators as price, volume, and moving averages of the price.

3. Marketing:

- Survey research, the effects of complex survey designs on data analysis.
- Customer Satisfaction.
- Customer loyalty.

4. Statistics:

- Surveys Study, designing survey research and questionnaire and analyzing results.
- Statistical modeling and analysis of complex sampling survey data.

5. Training and teaching:

- In the field of Statistics, see Appendix for more detailed.
- In the field of Quality, such as Quality Control, Quality Improvement, Total Quality Management, Quality Assurance and Accreditation, Acceptance Sampling.

Continuing Education

14-23/03/2016	<i>" Project Manager Professional (PMP) "</i> Trainings Knowledge Square, Riyadh, Saudi Arabia.
10-14/03/2014	<i>" 12th Brazilian Meeting on Bayesian Statistics"</i> International Society for Bayesian Analysis (ISBA).
27-29/04/2013	<i>" 3rd International Conference on Quality Assurance for the higher education "</i> National Commission for Academic Accreditation & Assessment (NCAAA) with University of Dammam, Dammam, Saudi Arabia.
26-27/12/2011	<i>" Teaching, Learning and Assessment Strategies at Institutional and Programme Levels"</i> Workshop , National Commission for Academic Accreditation & Assessment (NCAAA) with QAA and British Council, Riyadh, Saudi Arabia.

- 1-2/10/2011 *" Management and implementation of self-study for institutional accreditation "* **Workshop**, National Commission for Academic Accreditation & Assessment (NCAAA) with QAA and British Council, Riyadh, Saudi Arabia.
- 27-28/3/2011 *" External Reviewers Training"* **Workshop**, National Commission for Academic Accreditation & Assessment (NCAAA) with QAA and British Council, Riyadh, Saudi Arabia.
- 3/2/2011 *" Quality and e-Learning"* **Workshop**, 4th Conference on e-Learning in the Middle East, Hamdan Bin Mohammed e-University (HBMeU), Dubai, UAE.
- 31-2/1-2/2011 Annual Congress *" 5th Quality Conference in the Middle East"*, Hamdan Bin Mohammed e-University (HBMeU), Dubai, UAE.
- 31/01/2011 *" TQM as a Management Package for Quality Improvement"* **Workshop**, e- TQM Institute & Hamdan Bin Mohammed e-University (HBMeU), Dubai, UAE.
- 18-21/12/2010 *" Leadership for Senior Managers "* **Workshop**, Management Center Europe, King Saud University, Riyadh, Saudi Arabia.
- 26-30/7/2010 *"Teaching for Learning"* **Workshop**, Georgia Institute of Technology, Atlanta, Georgia, U.S.A.
- 26-27/4/2010 *" iMindMap"* **Workshop**, King Saud University, Riyadh, Saudi Arabia.
- 27-28/2/2010 *" How to Prepare the Educational Institution for Accreditation Visit"* **Workshop**, King Saud University, Riyadh, Saudi Arabia.
- 16-20/11/2009 *" Professional Development Academy"* **Workshop**, University of Leeds, Leeds, United Kingdom.
- 11-12/11/2009 *"Self Study of Faculties and Programs"* **Workshop**, King Saud University, Riyadh, Saudi Arabia.
- 09-10/11/2009 *" Accreditation Report Standards of the Educational Institution"* **Workshop**, King Saud University, Riyadh, Saudi Arabia.
- 25/10/2009 *" Quality in Higher Education "* **Workshop**, King Saud University, Riyadh, Saudi Arabia

- 13-24/7/2009 "*Quality and Accreditation in Higher Education*" **Workshop**, Cardiff's metropolitan University, Cardiff, United Kingdom.
- 03-05/4/2009 "*Working Toward Program Accreditation*" **Workshop**, Imam Muhammad Ibn Saud Islamic University, Riyadh, Saudi Arabia.
- 17-18/1/2009 "*Quality in the university teaching*" **Workshop**, King Saud University, Riyadh, Saudi Arabia.
- 19-21/4/2008 "*Planning for Effective Teaching*" **Workshop**, King Saud University, Riyadh, Saudi Arabia.
- 15-16/6/2008 "*Internal Auditing System for ISO 9001 & ISO 10002*" **Workshop**, Resource International, Riyadh, Saudi Arabia.
- 19-21/4/2008 "*Planning for Effective Teaching*" **Workshop**, King Saud University, Riyadh, Saudi Arabia.
- 03-07/11/2007 "*Assessor for King Abdul Aziz Quality Award*" **Workshop**, Saudi Arabian Standards Organization, Riyadh, Saudi Arabia.
- 13-15/12/2007 "*Strategic Thinking, Management & Planning*" **Workshop**, King Fahd Medical City, Riyadh, Saudi Arabia.
- 20-22/08/2007 "*Strengthen the organizational culture for the administrative leaders*" **Workshop**, King Fahd Medical city, Riyadh, Saudi Arabia.
- 15-16/08/2005 "*Applications of modern technology in education*" **Workshop**, King Saud University, Riyadh, Saudi Arabia.
- 23-26/08/1999 International **Conference** on *Analysis of Survey Data* Organized by the Department of Social Statistics, University of Southampton, Southampton, U.K.
- 13-16/04/1998 Participating in the 23rd Research Students' **Conference** in *Probability and Statistics*, Lancaster University, Lancaster, U.K.
- 13-15/02/1995 "*How to Conduct an Effective Training Need Analysis Executives*" **Workshop**, American Management Association, San Diego, CA, USA.
- 06-09/2/1995 "*Statistical Process Control & Quality Improvement*" **Workshop**, QCI International, Memphis, TN, U.S.A.

24-28/1/1993	<i>"Training Programs: Design and Development"</i> Workshop , I.P.A. Riyadh, Saudi Arabia.
02-10/3/1992	<i>"Training Skills"</i> Workshop , I.P.A., Riyadh, Saudi Arabia.
05-08/5/1991	International Symposium on <i>Nonparametric Statistics & related Topics</i> Carleton University, Ottawa, Ont. Canada.
01-04/5/1991	<i>"Statistical Estimation Theory"</i> Workshop , University of Ottawa, Ont. Canada. The speaker was Prof. Pranab Kumar Sen, University of North Carolina, Chapel Hill.

Accomplishments

- **web site for the Saudi Stock Market,**

Create and built a web site for the Saudi Stock Market that includes a charting program. The charting program provides more than 51 indicators that can be used by beginners and professional stock traders. This program is one of its kinds as it enables the user to interact with the charts. Members can learn from the forums provided and apply the program free of charge. The Web sites name is OHLC Charts,

URL: <http://www.ohlccharts.com/>

VISION: "Teaching all traders in the stock market the stock market technical analysis and choose their shares depending on their analysis and not relying on the recommendations ignorance."

MISSION: "Provide the means to educate stock traders in technical analysis for the Saudi Stock Market."

- **Assessor for King Abdul Aziz Quality Award.**
- **All college of Science programs** (15 programs), at King Saud University, obtain ASIIN e. V. **accreditation** from 2011 to 2016.

Research

1. **"Saudization of the educational private Sector"**, Total cost 295 thousand Saudi Riyals, The Economic Studies House, 2002.
2. **"Saudi Paint Market"**, Total cost 600 thousand Saudi Riyals, The Economic Studies House, 2003.
3. The Economic White paper on **"The Telecommunications Sector in the Kingdom of Saudi Arabia"**, Total cost 15 thousand American Dollars, The Economic Studies House, 2004.
4. **"The effect of the custom unity of gulf countries on Saudization of Private Sector in Saudi Arabia"**, Total cost 235 thousand Saudi Riyals, The Economic Studies House, 2005.
5. **"Needs of mobile phone users in Saudi market"**, Rowad Consulting, 2008.

Publication

- **Designing training courses and packages in statistics and research methodology** for the Institute of Public Administration (I.P.A.), Riyadh, Saudi Arabia. From 1991 to 1996.
- **Designing a college course in elementary statistics and writing the text material** for the General Organization for Technical Education And Vocational Training (GOTEVOT), 2004.
- **Designing a college course in environmental statistics and writing the text material** for the General Organization for Technical Education and Vocational Training (GOTEVOT), 2005.
- **Designing a college course in Biostatistics and writing the text material** for the national institute for specialized health training, A member of Dallah Al Baraka Group, 2004.
- **Designing a college course in Mathematics and writing the text material** for the national institute for specialized health training, A member of Dallah Al Baraka Group, 2004.

- **Al-Babtain, A. A.** (2010), “Necessary Condition for the Optimality on Multi-Item Inventory Model” International Mathematical Forum, Vol. 5(2), 89 – 98.
- **Al-Babtain, A. A.** (2010), “Optimal Control of Reverse Logistics Model with Logistic Demand and Return Rates” Applied Mathematical Sciences, Vol. 4(52), 2561 – 2568.
- ElbatalI., **Al-Babtain Abdulhakim A.** (2014), “Stochastic Orders of Past Lives based on Moment Generating Function Order” J. Stat. Appl. Pro. Lett. 1, No. 2, 1-7.
- Ismail, Ali A., **Al-Babtain, A. A.**, (2015) “On Studying Partially Accelerated Life Tests Under Progressive Stress” Journal of Testing and Evaluation, Vol. 43(4), DOI:10.1520/JTE20130304.
- **Al-babtain, Abdulhakim A.**, Faton Merovci and Ibrahim I. Elbatal, (2015) “The mcdonald exponentiated gamma distribution and its statistical properties” SpringerPlus 2015, Vol. 4(2), doi:10.1186/2193-1801-4-2.
- **Abdulhakim Al-Babtain**, Ahmed A. Fattah, A-Hadi N. Ahmed, Faton Merovci, (2015) “The Kumaraswamy-transmuted exponentiated modified Weibull distribution” Communication in Statistics- Simulation and Computation; Accepted 02/2015.
- **Abdulhakim Al-Babtain**, Abdul Hadi Nabih Ahmed (2015) “Preservation properties for the discrete mean residual life ordering” Pakistan Journal of Statistics and Operation Research 04/2015;
- **Abdulhakim Al-Babtain**, Ahmed M. Eid, Faton Merovci and A-Hadi N. Ahmed (2015). “The five parameter Lindley distribution, Pakistan Journal of Statistics”, Vol. 31(4), 363-384.
- Ismail, Ali A., **Al-Babtain, A. A.**, (2015). Planning failure-censored constant-stress partially accelerated life test, Journal of Systems Engineering and Electronics, Vol. 26(3), 644-650.
- Mohammed Suleiman Gibreel, Ali I. Elamin, **Abdulhakim A Al-Babtain**, and Abdelsalam Mohamed Daoud (2015) “Exploration of solutions to multicollinearity problem using ridge regression and principal components with Monte Carlo simulation” Asian Academic Research Journal of Multidisciplinary, Vol. 2(2), 384- 403.

Other Experiences (Volunteer work)

- **The Centennial Fund (TCF):** Volunteer work in the field of Total Quality Management and Statistics (survey studies) for TCF, From February 2008.
- Presenting a **workshop** for Girl College in "**Total Quality Control in Higher Education**" November 2006.
- Presenting a **workshop** for Girl College in "**Data collection & Analysis**" August 2006.
- Presenting a **workshop** for Central Department of Statistics in "**Quality of Data Collection** " August 2006.
- **Treasurer** the Saudi Student Club, Southampton, England, for the year 2000.
- **Sports Activity Manager** the Saudi Student Club, Southampton, England, between 1998 to 1999.
- **Manager** The Saudi Student Club, Ottawa, Ont., Canada for the summer of 1991.
- **Sports Activity Manager** the Saudi Student Club, Ottawa, Ont., Canada, for the year 1990.

Honor/Award

Recipient of a Ph.D. Scholarship from the Saudi Government Aug. 1996

Recipient of a M.Sc. Scholarship from the Saudi Government, June 1989.

Language

Bilingual, Arabic (Fluent), English (Fluent).

Personal Interests

(1) Sports (such as Soccer, Marshal art) and Reading.

(2) Good Knowledge in the following computer applications:

- (i) Most statistical software, such as S-Plus, SAS, SPSS, Minitab...etc.
 - (ii) Programming languages Fortran and Pascal.
 - (iii) Microsoft windows and office.
- (3) Interests in statistical application in quality control and marketing research.

Personal Information

Born on 02/01/1964 in Riyadh, Saudi Arabia.

Married with six children.

Appendix

Some of the courses taught at Institute of Public Administration (IPA), Riyadh, Saudi Arabia.

Pre-Service Programs

	Course
1	Introduction to Statistics
2	Principles of Mathematics
3	Data Manipulation using SAS
4	Econometrics
5	Probability
6	Time series and forecasting
7	Research Methodology

On-Job Training Programs

Quarters each = 6-8 Weeks

	Course
8	Descriptive Statistics
9	Data Gathering
10	Statistical Applications in Civil Service
11	Correlation and Regression
12	Statistical Measures Using Scientific Calculator
13	Data Analysis Using SAS
14	Sampling
15	Testing of Hypothesis
16	Statistical Method for Planning

Some of the courses taught at King Saud University

	Course
17	Introduction to Probability and Statistics
18	Biostatistics
19	Probability and Statistics for Engineering
20	Statistical Inference
21	Quality Control
22	Sampling
23	Statistical Analysis
24	Regression
25	Time series and forecasting