



# Resume

## 1. Personal Information

Name: **Dr. Abdulrahman bin Sulaiman Al Angari**  
Date of Birth: **28<sup>Th</sup> November 1962**  
Address: **King Saud University  
College of Sciences, Statistics & Operations  
Research Department  
PO. Box 2455 Riyadh 11451. Saudi Arabia**  
Phone: **4676267, 4753060**  
Fax: **4676274, 4753114**  
Email Address: **aruzaiza@ksu.edu.sa – asalangari@gmail.com**  
Current Job: **Consultant and General Supervisor of the  
General Directorate for Information and  
Performance Measurement, Ministry of  
Education**

## 2. Academic Qualifications

December 1994 **PhD in Applied Statistics, University of Glasgow,  
United Kingdom  
Specialization: Nonparametric Statistics  
Dissertation Title: Estimating the historical timespan of  
archaeological phenomena**  
May 1986 **Bachelor of Statistics, King Saud University, College of  
Sciences, Riyadh  
Dissertation Title: Some Nonparametric Statistical  
Tests.**

### 3. EMPLOYMENT HISTORY

21/02/2017 - Present:	Advisor and General Supervisor of the General Directorate for Information and Performance Measurement, Ministry of Education
10/09/2005 – 20/02/2017 :	Advisor and general supervisor of the Higher Education Statistics Center, Information Management and GIS Unit. Ministry of Education
2004 – 2008 :	President of the Saudi Association for Mathematical Sciences - King Saud University.
01/09/2004 -20/08/2005:	Part-time consultant at the Higher Education Statistics Center, Ministry of Education
2002:	Visiting Researcher, College of Sciences, Islamic University of Malaysia, Malaysia.
21/02/1998–07/01/2002:	Head of Statistics and Operations Research Department, College of Sciences, King Saud University
22/05/2008 - Present :	Professor, Statistics and Operations Research Department, College of Sciences, King Saud University
09/07/2002 – 21/05/2008 :	Associate Professor, Statistics and Operations Research Department, College of Sciences, King Saud University
24/05/1995 - 08/07/2002:	Assistant Professor, Statistics and Operations Research Department, College of Sciences, King Saud University
01/07/1986–23/05/1995:	Teaching Assistant, Statistics and Operations Research Department, College of Sciences, King Saud University
26/08/1987–31/12/1994:	Postgraduate student, Department of Statistics, University of Glasgow, United Kingdom

### 4. Research and Training Activities

#### A- Research interests

- Nonparametric Statistics
- Data analysis
- Surveys and statistical studies.
- Reliability life tests
- Optimal control

## **B- Academic experience**

- Teaching Mathematical Statistics and Applied Statistics courses, Department of Statistics and Operations Research, College of Sciences, King Saud University, 1994 - Present.
- Teaching a course in sampling methods and design statistical questionnaire at Institute of Public Administration in Riyadh, 1996.
- Part time professor at the Technical and Vocational Training Corporation to teach the course of probability and engineering statistics at the Technical College in Riyadh - 1998.
- Part time consultant at the Institute of Technical professionalism in Riyadh to prepare a course on "operations research and systems analysis" and supervise its implementation- 2002 - 2007.
- Part time professor at the Institute of Technical professionalism in Riyadh to deliver a course in the basics statistics and probability (a part of the course of operations research and systems analysis), 2002-2007.
- Internal examiner of doctoral and master's thesis at King Saud University and Princess Nora Bint Abdulrahman Universities.
- A research arbitrator at research center at King Abdulaziz University in Jeddah.
- A research arbitrator at research center at Umm Al Qura University in Makkah.
- A research arbitrator at King Abdulaziz City for Science and Technology Research.
- Scientific referee for a various scientific researches for a number of scientific journals within the Kingdom and abroad.
- Arbitrating a number of written and translated books

## **C- Practical Experience**

- Working as a full-time consultant to the Ministry of Higher Education, where I established the Center for Higher Education Statistics and supervised the construction of an electronic system to collect row data related to students, graduates, faculty and staff from all institutions of higher education in the Kingdom.
- Acting Deputy Minister of MOHE for Planning and Information, to carry out the work of the Deputy Minister while enjoying his annual leave or being assigned to do some tasks outside the Kingdom.
- General Supervisor of the Center for Higher Education Statistics.
- General Supervisor the Department of Geographic Information Systems in MOE.

- General Supervisor of "Maqbool" e-service.
- Member of the Board of Directors of the General Authority for Statistics, 2016 -Present.
- Member in consultative Group of Tourism Information and Research Center March 2016 - Present.
- Member in the Higher Committee for preparing the strategic plan for Ministry of Education (after the decision of merging both of the Ministry of Education and Ministry of Higher Education) 2015.
- Head of Executive team for preparing the strategic plan for Ministry of Education (after the decision of merging both MOE and MOHE), 2015.
- Member in Scientific Committee for restructuring the Ministry of Education (after the decision of merging both MOE and MOHE) 2015.
- Member in the team of main supervision work for the program of National Transformation of Ministry of Education, 2016.
- Supervisor assigned by Ministry of Education to monitor the joint project with Ministry of Labor related to "alignment of education outputs with labor market" within the initiative of education and work, 2015 -2017.
- Supervisor assigned by Ministry of Education to monitor the joint project with Ministry of Labor related to "platform of the researches of labor market" within the initiative of education and work 2015-2017.
- Member in the national committee of Geographic Information Systems – Representative of Ministry of Education.
- Member in committee consisted of number of ministries for the preparation of awareness program for male and female youth.
- Member in steering committee "TAWAFOQ" related to hiring people with special needs".
- Representing the ministry in number of experts panel committees.
- Focal officer of Ministry of Education (Higher Education Affairs) with UNESCO Institute for Statistics.
- Representing the Ministry in statistical conferences inside and abroad.
- Working as part-time consultant at the General Authority for Statistics and Information for four years during the period (1998–2001), where he contributed in preparing and reviewing

various statistical reports in addition to reviewing and arbitrating Census form.

- Working as statistical consultant for the team of national plan of information technology, and I analyzed the data of "pilot study of the need of the kingdom to specialists in information technology" during the period (2003 -2012).
- Working as statistical expert at "Al-Nahj" office for information technology in a study presented to Human Resources Development Fund which was titled "determining the need to labor force in the field of communication and information technology", and I designed the statistical questionnaire and supervised data collection and analysis 2007.
- Working as statistical expert at "Mabda'" Engineering office in a study for Japan International Cooperation Agency in the project of "field survey for Energy conservation" which is one of national plan projects for studying conservation of electric energy consumption in KSA that was presented to Ministry of Water and Electricity, I contributed in this project with the design of study sample and training a group of engineers on the method of collecting data and supervising this process, in addition to designing questionnaire, emptying and analyzing statistical data and writing the statistical report 2007.
- Direct supervision over a group of periodic publications of Ministry of Higher education:
  - The annual book of Higher Education Statistics in Kingdom of Saudi Arabia.
  - The book of disciplines guide in Higher Education institutions in Kingdom of Saudi Arabia.
  - The book of Statistics and Information Forum and their role in the development of Higher Education.
  - The book of Higher Education institutions in Kingdom of Saudi Arabia.
  - The book of User Manual for Higher Education statistics system.
  - Brief report about Higher Education Statistics.
- Direct supervision over electronic system of Higher Education Statistics.
- Direct supervision over the page of Higher Education Statistics Center on Ministry of Higher Education website and updating it.

## **D- Published Works:**

### **• Papers in arbitrated Journals**

- Aitchison T. C., Ottaway B. S., Al-Ruzaiza, A. S. "Summarizing a group of 14C dates on the historical time scale : with a worked example from the Late Neolithic of Bavaria". *Antiquity*, Vol. 65, No. 246, pp. 108-116, UK, (1991).
- Hendi M. I. and Al-Ruzaiza A. S. "Test for New Better than Used in Average Based on the Total Time on Test Transform". *The Egyptian Statistical Journal*, Vol. 41, No.2, pp. 110-122, Egypt, (1997).
- Al-Ruzaiza A. S. and Hendi M. I., "Test for HNBUE (HNWUE) Class of life Distributions Based on Total Time on Test Transform". *Parisankhya Samikkha*, Vol. 5, No.1, pp. 1-9, Bangladesh, (1998).
- Hendi M. I., Al-Nachawati H. and Al-Ruzaiza A. S. A "Test for Exponentiality against New Better than Used Average". *Journal of King Saud University*, Vol. 11, Science(2), pp. 107-121, Saudi Arabia, (1999).
- Abu-Youssef S. E. and Al-Ruzaiza, A. S. "On Record Values From Linear Exponential Distribution". *The Egyptian Statistical Journal*, Vol. 43, No.2, pp. 144-156, Egypt, (1999).
- Al-Ruzaiza, A. S. "Testing Exponentiality Against NBURFR (NWURFR) and NBARFR (NWARFR) ". *The Journal of The Egyptian Statistical Society*, Vol. 17, No.1, pp. 1-10, Egypt, (2001).
- Al-Ruzaiza, A. S. "Test for New Better than Used in Average at Specific Interval Based on the Total Time on Test Transform". *Egyptian Computer Science Journal*, Vol. 23, No. 1, pp. 71-82, Egypt, (2001).
- El-Gohary A. and Al-Ruzaiza, A. S. "Optimal Control of the Equilibrium State of a Prey-Predator Model". *Nonlinear Dynamics, Psychology, and Life Sciences*, Vol. 6, No. 1, pp. 27-36, USA, (2002).
- Al-Ruzaiza A. S., Hendi M. I. And Abu-Youssef S. E. "A Note on Moments Inequalities for the Harmonic New Better than Used in Expectation Property with Hypothesis Testing Application". *Journal of Nonparametric Statistics* Vol. 15(3), pp. 267-272, USA, (2003).
- El-Gohary A. and Al-Ruzaiza, A. S. "Optimal Control of Non-Homogenous Prey-Predator Models During Infinite and Finite Time Intervals". *Applied Mathematics and Computation*, 146, pp. 495-508, USA, (2003).
- Al-Ruzaiza, A. S. "Tests for Exponentiality Against Harmonic New Better than Used in Expectation Property of Life Distributions". *International Journal of Reliability and Applications*, Vol. 4, No.4, pp. 171-181, Korea, (2003).
- Ammar M. Sarhan, A. S. Al-Ruzaiza, I.A. Alwasel and Awad I. El-Gohary "Reliability Equivalence of a Series-Parallel System". *Applied Mathematics and Computation*, 154, pp. 257-277, USA, (2004).

- Al-Ruzaiza, A. S. "Optimal Control of Stationary State of Production Inventory Models". International Journal of Applied Mathematics, Vol. 16, No.2, pp. 211-225, Bulgaria, (2004).
- Al-Ruzaiza, A. S. and Abu-Youssef S. E. "Tests for Exponentiality Against Harmonic New Better than Used in Expectation Property of Life Distributions Using Kernel Method". International Journal of Reliability and Applications, Vol. 6, No.1, pp. 1-12, Korea, (2005).
- Al-Ruzaiza, A. S. and Ammar M. Sarhan "Estimators for Parameters Included in Cold Standby Systems with Imperfect Switches". International Journal of Reliability and Applications, Vol. 6, No.2, pp. 65-78, Korea, (2005).
- Al-Ruzaiza, A. S. and Abu-Youssef S. E. "A Moment Inequality for Harmonic Used Better than Aged in Expectation in Upper Tail (HUBAEUT) Class of Life Distributions with Hypothesis Testing Application". Journal of The Egyptian Statistical Society, Vol. 22, No.1, pp. 1-19, Egypt, (2006).
- Al-Ruzaiza, A. S. "Nonparametric Test for Harmonic Used Better than Aged in Expectation in Tail (HUBAET) Class of Life Distributions". Journal of The Egyptian Statistical Society, Vol. 22, No.1, pp. 20-37, Egypt, (2006).
- El-Gohary A. and Al-Ruzaiza, A. S. "Chaos and Adaptive Control in Two Prey, One Predator System with Nonlinear Feedback". Chaos, Solitons and Fractals, Vol. 34, No.2, pp. 443-453, UK, (2007).
- Al-Ruzaiza, A. S. and Awad El-Gohary "A New Class of Positively Quadrant Dependent Bivariate Distributions with Pareto". International Mathematical Forum, Vol. 2, No.26, pp. 1259-1273, Bulgaria, (2007).
- Mustafa A., Sarhan A. M. and Al-Ruzaiza A. S. "Reliability Equivalence of a Parallel-Series System". Pakistan Journal of Statistics, Vol. 23(3), pp. 241-255, Pakistan, (2007).
- Al-Ruzaiza, A. S. and Awad El-Gohary " The Distributions of Sums, Products and Ratios of Inverted Bivariate Beta Distribution ". Applied Mathematical Sciences, Vol. 2, No.48, pp. 2377-2391, Bulgaria, (2008).

- **Published Book: Principles of Statistical Inference:**  
written jointly with Prof. Anis Ismail Kanjo and Prof. Abdul Hameed Abdullah Al-Zaied, Administration of Scientific Publishing and Printing Houses. King Saud University. 2005.  
(Arbitrated by scientific council at King Saud University).

#### E- Funded **Research Projects:**

- Project No. Stat/2006/35, funded by research center, Faculty of Science, King Saud University, 2006.
- Project No. Stat/2006/18, funded by research center, Faculty of Science, King Saud University, 2006.

- Project No. Stat/24-25/10, funded by research center, Faculty of Science, King Saud University, 2005.

#### **F- Attended Conferences, Seminars and Scientific Events:**

- First Gulf Statistical Forum 20-22\3\2017, General Authority of Statistics in cooperation with GCC Statistical Center, Riyadh, Kingdom of Saudi Arabia.
- Participating in the delegation of the Ministry of Education to participate in the events of a regional workshop about education statistics during 12-16\10\2015 in Hammamet city, Republic of Tunisia.
- International conference for Data Mining 30th April – 2nd May 2015, American Society for Industrial and Applied Mathematics, Vancouver, Canada.
- Annual meeting conference of Statistics Canada Association, May 2014, Toronto University, Toronto, Canada.
- Second annual conference for biological measures and biostatistics, 2013, OMICS conferences group, Chicago, USA.
- International statistics seminar in analysis of longitudinal data subjecting to extreme values, measurement errors, and missing values, 2012, Saint Jones, Canada.
- Tenth International Conference about Monte Carlo methods of scientific accounts, 2012, Sidney, Australia.
- Third Arab Statistical Conference, 2011, Arabian Institute for training and statistical researches, Amman, Jordan.
- Higher Education Leaders in Middle East and Africa Conference, 2011, Dubai, UAE.
- Twenty-Fifth International Conference of international society for biostatistics measurements, 2010, Florian Polis, Brazil.
- National statistics conference for the year 2010 (NatStats2010), Sidney, Australia.
- First Arab Statistical Conference, 2007, Arabian Institute for training and statistical researches, Amman, Jordan.
- Conference of session (56) for international Statistics Institute, 2007, Lisbon, Portugal.
- International Statistical Conference, 2005, Malaya University, Malaysia.
- Seventh meeting of Saudi Association for Mathematical Sciences, 2005, Prince Sultan University, Riyadh.

- Sixth meeting of Saudi Association for Mathematical Sciences, 2002, King Saud University, Riyadh.
- International Conference about the Custodian of the Two Holy Mosques King Fahd bin Abdul-Aziz and his achievements, 2003, Riyadh.
- Fifth meeting of Saudi Association for Mathematical Sciences, 2000, King Saud University, Riyadh.
- Introducing the Bologna process and its effect on Higher Education, researches and studies center in Ministry of Higher Education, 2010, Riyadh.
- Forum of electronic management of documents, 2006, Riyadh.
- Higher Education Seminar in KSA: futuristic Visions, Riyadh, 1997.

#### **G- Attended Workshops and Training Courses:**

- Participating in the third meeting of technical cooperation team concerned with the indicators of sustainable development goal 4 devoted for education (SDG 4) for the year 2030 on 31st May – 2nd June 2017, at UNESCO Statistics Institute, Montreal, Canada.
- Workshop about the impact of what beyond 2015 on development agenda in education sector, that was held during 29-30 November 2016, at statistical, economic and social researches and training center for Islamic Countries (Ankara center) jointly with Islamic Educational, Scientific and Cultural Organization (ISESCO), Ankara, the Turkish Republic.
- Head Organizer and speaker in workshop titled “the mechanism of structuring decision support system” that was held on 10th May 2015 at the Ministry of Education, KSA.
- Head Speaker in workshop titled “the importance and the role of statistics in decision making at civil defense”, 17th May 2015, Riyadh, KSA, a session in this workshop was allocated to a presentation about “the Mechanism Of Structuring Statistical System”.
- Tourism statistics workshop, 16th March 2015, Tourism Information and Research Center, general authority for Tourism and Antiquities, Riyadh, KSA.
- Twenty-second workshop in statistics and matrices, August 2013, fields institute for researches in Mathematical sciences, Toronto University, Canada.

- Head speaker in regional workshop of UNESCO Statistics Institute for Arab Countries about "Educational Statistics", October 2012, Sharm el-Sheikh – Egypt, a lecture was introduced in this workshop about the mechanism of structuring electronic statistics system to collect and audit education statistics.
- Workshop of economic cooperation and development organization (OECD), titled "the ninth session of team concerned with the indicators of education system INES", 2012, Tallinn – Estonia.
- regional workshop of UNESCO Statistics Institute jointly with the regional center for educational planning at Sharjah, titled "higher education statistics" 2010, Sharjah, UAE, a session in this workshop was allocated to a presentation about higher education statistics electronic system in KSA and the mechanism of data collection.
- Head speaker in the forum of statistics and information and its role in the development of higher education, higher education statistics center, Riyadh, 2009.
- Workshop of UNESCO Statistics Institute titled "national education indicators and data analysis", Jeddah, KSA.
- Training course titled "smart hall and smart board technology – advanced level", deanship of skills development, King Saud University, 2008.
- Training course titled "motivating students towards learning", deanship of skills development, King Saud University, 2008.
- Training course titled "active learning and teaching for big populations", deanship of skills development, King Saud University, 2008.
- Training course titled "planning of effective university teaching", deanship of skills development, King Saud University, 2008.
- Training course titled "self-development", deanship of skills development, King Saud University, 2008.
- Workshop titled "value engineering" general administration Institute, Riyadh, 2008.
- Training course titled "Decision making" SAC training center, Riyadh, 2008.
- The forum of electronic management of documents.
- General supervisor and coordinator of processes researches and system analysis course that presented (5 courses) in

professional technical training institute for some military sectors during 2002- 2006.

- Workshop of "researches preparation and monitoring at King Abdul-Aziz City for sciences and technology, Riyadh, 1999.
- Higher education seminar in KSA: Future Visions – Riyadh, 1997.

## **H- Other Activities:**

### **A. Scientific Associations:**

- Member in Saudi Association for Mathematical Sciences.
- Member in Mathematical Statistical Institute Association (America).
- Member in Statistics Canada Association.
- Member in Saudi Association for statistical Sciences.
- Founding member in Union of Arab Statisticians.
- Member of the Editorial Board for the journal of Faculty of Sciences – King Saud University.
- Member of the Editorial Board for observatory Magazine – Observatory on Higher Education, Ministry of Education.
- Member of the Editorial Board for the Chronicle of Saudi Education Magazine, Observatory on Higher Education, Ministry of Education.

### **B. Scientific Committees:**

Participating in the membership of the following committees:

- Committee of selecting contractors in statistics and processes researches department.
- Committee of assistant professor in statistics and processes researches department.
- Examination committee for Applicants for declared jobs at the Faculty of Science.
- Committee of the scientific phenomena exhibition in the Faculty of Science.
- Periodicals and scientific magazines committee in statistics and processes researches department.
- Committee for the preparation of the curriculum of statistics and processes researches department.

- The committee of distributing teaching burdens in statistics and processes researches department.
- The committee organizing students' reviewing of answer sheets of the final exams in statistics and processes researches department.
- Examination Committee for computers supplied to statistics and processes researches department.
- Examination Committee for some textbooks of the curriculum of statistics and processes researches department.
- Committee for studying aspects of cooperation between statistics and processes researches department and General Authority of Statistics and Information.
- Cooperative Education committee in Faculty of Science.
- Exams Committee in Faculty of science.
- Committee for the preparation of new academic plan for Bachelor Program in statistics and processes researches department.
- Reviewing Committee for required curriculum attached to the curriculum of statistics and processes researches department.
- Public relationship committee for the International Conference about the Custodian of the Two Holy Mosques King Fahd bin Abdul-Aziz and his achievements, 2001, Riyadh.
- Public relationship committee for First Islamic Conference for the ministers of Higher education and scientific research, Riyadh, 2000.
- Public relationship committee for the sixth General conference and the executive council of (ISESCO) organization, Riyadh, 1998.

### **C. Councils:**

- Member in the council of statistics and processes researches department - King Saud University.
- Member in the council of Faculty of Science – King Saud University.
- Member in the council of Saudi Association for Mathematical Sciences.

#### **D. University and Community Service:**

- Working as part-time consultant at Ministry of Planning in (the General Authority for Statistics and Information) during the period (28/04/1998 – 08/03/2002)
- Cooperating in teaching curriculum at the technical faculty in Riyadh.
- Participating in a program in scientific research division at Riyadh Radio.
- Participating in some live radio programs in Riyadh Radio and Ally Satellite Channel about the mechanism and statistics of acceptance in Higher Education.
- Member in consultative Committee for population at University Housing in Insurance Complex.
- Reporter of consultative Committee for population at University Housing in Insurance Complex.
- Participating in Public relationship committee in the sixth General conference of Islamic Educational, Scientific and Cultural Organization (ISESCO) that was held in Riyadh during the period of 30/11/1997-10/12/1997.
- Participating in Public relationship committee in the First Islamic Conference for the ministers of Higher education and scientific research that was held in Riyadh during the period of 04-07/12/2001.
- Participating in Public relationship committee in the International Conference about the achievements of Custodian of the Two Holy Mosques King Fahd bin Abdul-Aziz and his achievements celebrating the passage of twenty years since assuming the reins of Government, which was held during the period of 13-16/11/2001 at King Saud University.
- Statistical Consultant at professional technical training institute.
- 1994 - Present: Intensive statistical consultations for post-graduate students and researchers at King Saud University.