

Dr. Mohammed Abdulaziz Alahmed

King Saud University

College of Business Administration

Department of Quantitative Analysis

## PERSONAL INFO

### **Dr. Mohammed Abdul Aziz Alahmed**

Assistant Professor of Applied Statistics

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**Nationality:** Saudia Arabia

**Marital Status:** Married

**Date of Birth:** 06/07/1963

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## QUALIFICATIONS

- |             |  |
|-------------|--|
| 1998 – 2002 | Ph.D. from the University of Strathclyde, Glasgow, United Kingdom (UK), Department of Statistics and Modeling Science in specialty Biostatistics. My thesis title is “ <b>Sequential Designs for Monitoring Multi-Armed and Factorial Clinical Trials</b> ”. |
| 1991 – 1994 | Master's degree in <b>Biostatistics</b> from the University of Pittsburgh, USA   |
| 1990 - 1991 | Master's degree in <b>Applied Statistics</b> from the University of Pittsburgh, USA  |
| 1982 - 1986 | Bachelor's degree in <b>Quantitative Methods</b> (Applied Statistics) from the College of Administrative Sciences at King Saud University  |

## CAREER RECORD

2013 – till now	General Manager of Observatory of Education, Ministry of Education
2007 - 2013	Director General of Tourism Information and Research Centre (MAS), Saudi Commission for Tourism and Antiquities.
2003 - 2007	Founder and Dean of the AlMajma'ah Community College.
2002 – 2003	Part-time consultant at King Abdulaziz Center for National Dialogue.
1422 - till now	Assistant professor in the Department of Quantitative Analysis, Business College at King Saud University.
1994 - 1998	Lecturer in the Department of Quantitative Methods in the College of Administrative Sciences at King Saud University.
1986 - 1988	Teaching Assistant in the Department of Quantitative Methods in the College of Administrative Sciences at King Saud University

## EXPERIENCES

2013 – till now	leading and managing the Observatory on Education
2013 - till now	working on the establishment of the National Labor Observatory.
2007 - 2013	Leading and managing the Tourism Information and Research Centre (MAS), Saudi Commission for Tourism and Antiquities.
2002 – till now	Teaching academic courses in applied statistics, mathematics and computer sciences to students of business college and hospital management.
2007 - 2013	Chairman of the Research Committee of the General Authority for Tourism and Antiquities.
2002 - 2003	Supervising the implementation of opinion surveys at King Abdulaziz Center for National Dialogue.
2005 - 2007	Chairman of the Committee for Qiyas Tests in AlMajma'ah and Zulfi.
2000 - 2002	Statistical adviser in BioSS, helped in the design and analysis of clinical trials and health studies.
1998 - 2002	Teaching in the Department of Statistics and Modeling Sciences during my PhD's study.

- 1991 - 1994      Helping doctors and health sciences students in planning, designing and analyzing their research as part of my study requirements of the Master degree.
- 1985 - 1986      Al Fayez Office of Statistical Studies, helped designing and analyzing the study for the Ministry of Municipal Affairs in the Kingdom.

## TRAINING COURSES

- 2014      10th International Workshop on Rare Event Simulation -  
RESIM 2014 Tinbergen Institute, Amsterdam, Netherlands
- 2013      Workshop " **Training the Trainers** " in the field of tourism  
statistics and tourism satellite account (TSA)  
"Training the Trainers" Workshop, Tourism Statistics and TSA:  
Technical Fundamentals and Practical Implementation,  
UNWTO, Madrid, Spain.
- 2012      **Successful Planning, Organizing and Control**, by Meirc  
Training and Consulting, UAE, Dubai
- 2011      **Applied Public Relations**, by Pinnacle Public Relation  
Training UAE, Dubai,
- 2010      **The Balanced Scorecard**, a scientific tool to monitor the  
extent to which established its strategic objectives, by Meirc  
Training and Consulting, Istanbul, Turkey.
- 2009      **Ashridge Leadership Process**, by Ashridge business school,  
UK
- 2008      **STRATEGIC FINANCE**, by IMD business school, Lausanne,  
Switzerland
- 2008      **Financial Management and Budget**

## MEMBERSHIPS

2011 - present	Member of the Steering Committee of the Committee on Statistics of Tourism (COTS) in the International Statistical Institute.
2011 - present	Member of the Committee of tourism statistics and tourism satellite account, the World Tourism Organization, Madrid, Spain.
2007 - 2013	Chairman of the Research Committee of the Saudi Commission for Tourism and Antiquities.
2010 – 2013	Member of the science committee of the Saudi Travel and Tourism Investment Market, organized by SCTA.
2007 - 2013	Chairman of the core team to activate the memorandum of cooperation between the Saudi Commission for Tourism and Antiquities and the Saudi Post
2008 - 2013	Chairman of the core team to activate the memorandum of cooperation between the Saudi Commission for Tourism and Antiquities and King Abdulaziz City for Science and Technology.



2011 - 2013	Member of the core team to activate the memorandum of cooperation between the Saudi Commission for Tourism and Antiquities and Saudi Aramco.
2003 - 2007	Member of the King Saud University's Council.
2003 – 2007	Member of the Royal Society statistics.
1998 - present	Member of the International Biostatistics Society
1995 - present	Member of the Association of American statisticians.
2003 - 2007	Member of the Employment Committee, AlMajma'ah.
2003 – 2007	Member of the Investment Committee, AlMajma'ah..

## PARTICIPATION

- An observer in international workshop "**training the trainers**" in the field of tourism statistics and tourism satellite account , organized by the World Tourism Organization (UNWTO), Madrid, January 2013.
- Attending all the meetings of the **Committee of tourism statistics and tourism satellite account**, the World Tourism Organization.
- Participating in the science committee of the Saudi Travel and Tourism Investment Market (all sessions), organized by SCTA.
- The Second International Conference on Measurement and Economic Analysis of Regional Tourism, Bilbao, Spain 27-29 October 2011.
- Business and Management Forum II titled "Leadership and Change Management in a renewed environment (Leadership for Sustainability), organized by Nama, March 14-16, 2011.
- The second workshop of the urban observatory for the city of Riyadh during the period 2-3 December 1433 e.

- Participating with a paper entitled "**The Reality of tourism statistics in the Kingdom**" in the first meeting of the Saudi Society of Statistical Sciences, in period 18-19/4/1430 .
- Participating with a paper entitled "**SCTA experience in building and developing quality output of tourist information system in the Kingdom**" at the quality information forum, which was organized by the Riyadh Chamber of Commerce and Industry (19 April 2011).
- Workshop "**Social Media Marketing: Success Factors and application**" which is organized by the University of Moodle held in Luxor, Egypt, during the period 13-16 December 2010.
- Participating with a paper "**public opinion polls in the field of tourism and antiquities**" at the Second International Conference of public opinion polls: "Public opinion polls in a Changing Society", Cairo, (8-9) November 2009.
- Participating with a paper entitled "**Design and development of a national system of tourism statistics: a special case of the Kingdom of Saudi Arabia**", Fifth Conference of tourism statistics (tourism as an engine of employment) in the period March 30 to April 2, 2009 in Bali, Indonesia.

- Participating with a working paper on the information system travel and tourism in the Kingdom in the first international conference of the Measurement and Economic Analysis of Regional Tourism during the period of (27 - 28) October 2009, in the city of San Sebastian, Spain.
- Participating with a paper entitled "**E-tourism experience at the Saudi Commission for Tourism and Antiquities** " at the International Conference of the first Arab Tourism electronic and e-marketing of Egypt, Sharm El Sheikh, during the period from 15 to 19 December 2008.
- Participation in many meetings, conferences and seminars within and outside the Kingdom.

## RESEARCH AND CONFERENCES

### SELECTED PUBLICATIONS

1. M. Alahmed and R. Ahmad (2001). A group sequential method for monitoring multi-armed clinical trials. The International Conference and Workshop on Recent Developments in Statistics and its Applications. Kuala Lumpur, Malaysia.
2. M. Alahmed and R. Ahmad (2001). A simplified method for monitoring two-armed clinical trials. The 22nd Annual Conference of International Society for Clinical Biostatistics. Stockholm, Sweden.
3. Aljumaah and M. Alahmed (1421). "Study and modelling of patient satisfaction for the level of health services in the Kingdom of Saudi Arabia." Search r -2 - 29, public administration of grant programs, the King Abdul Aziz City for Science and Technology.
4. M. Alahmed and M. Naouar. Mobil System for road safety using ECG, submitted to KACST for Patent, 2010.
5. M. Alahmed, L.A. Moneim and G.A. Mosa (2011). Stochastic and Monte Carlo simulation for the spread of the Hepatitis B virus. Statistics in Medicine (to appear).

## MAJOR ACHIEVEMENTS

### **The establishment of a community college at Al Majma'ah - affiliated to King Saud University:**

**Action:** Founder and Dean

**Mission:** To establish the first community college at Al Majma'ah to be the seed for the University of Al Majma'ah.

- In 200, I was appointed by the Minister of Higher Education to begin the work of establishing a community college at Al Majma'ah in affiliated to King Saud University. I started working with the vision of building a college that has the following ingredient:
  1. Open only programs that meet the needs of the labor market in the region.
  2. Bring the best teaching methods and modern technologies.
  3. Be the nucleus of the University in the future - Al Majma'ah University.
  4. The selection of faculty members with high efficiency to teach at the college.
- Proper planning and hard work to carry out these tasks and achieve the desired goals in a short period of time.
- College received the first batch of students six months after work began on the foundation.
- The college starts to receive students in three programs: nursing, computer and English language.

- The number of students applying for college in the first year was about 900 students, however limited seats available for only 400 students were accepted for the academic year 1424-1425 AH.
- I started the initiative of establishing of new college, the Faculty of Applied Medical Sciences by accruing a new building and building the required labs.

### **About the College:**

#### **Departments:**

1. Department of Applied Medical Sciences
2. Department of Applied Natural Sciences
3. Department of Administrative Sciences and Humanities

#### **Programs:**

1. Nursing
2. Medical Devices
3. Computer
4. Mathematics
5. Accounting
6. English

**Number of faculty members:** 34 members of master's and doctoral

**Number of employees:** 33 Saudi

**Number of employees:** 20 employees and technicians

The first batch of graduates was at the end of the academic year 1426/1427 AH

## **Establishing the Public Opinion Polls at the King Abdul Aziz Center for National Dialogue**

**Mission:** To begin to carry out Public Opinion Surveys exploratory studies for the purpose of measuring public attitudes towards many social, economic, educational and political issues. In 2003, I started working on the establishment of management and goal-setting mechanisms and procedures necessary to carry out exploratory studies, administration equipped human needs of staff and material requirements and other devices.

**Work:** Designing and supervising the Public Opinion Surveys. This includes work on the design of the study, set goals and questions and choose the means of gathering information, questionnaire design and testing of credibility and reliability - identify community study - determine the size of the sample and the sampling method appropriate - an operational plan and time to do the study – formation of teams - Information Analysis - Report on the study - Directed study in the booklet (series).

### **Public Opinion Surveys completed:**

1. Public Opinion Survey on the culture of dialogue in Saudi society.
2. Public Opinion Survey on youth issues.
3. Content analysis of the national dialogue from the point of view of the Saudi press.
4. Public Opinion Survey of the public perception about the center.
5. Public Opinion Survey on the education issues from the point of view of teachers, students and parents.



## **The leadership and development of the Tourism Information and Research Centre (MAS)**

**Work:** The Director General of MAS center

**Mission:** Supervision and development of the center

**Major Achievements:**

### **1. Completing the components and elements of the System of Tourist Statistics (STS)**

We began work on a plan to complete the elements of the Saudi STS, which provides comprehensive data and statistical information on the movement of incoming tourists to the Kingdom and departure of citizens and residents, as well as to measuring the movement of the domestic tourists. To achieve this, it requires to do surveys periodically (monthly) in all the Kingdom's international ports (air, land and sea), in addition to the monthly surveys in all regions of the Kingdom. These surveys cover the demand side of tourism, and the other side of the system relates to the supply side. That is the services provided to tourists from accommodation, entertainment, transportation and subsistence, and others. The supply is covered through surveys of tourism establishments, accommodation sector surveys and inventory of tourism resources.

Complete STS took almost two years of setting up MAS center, and this is a short period by any standards.

## **2. The preparation and official launching of the Saudi Tourism Satellite Account (TSA)**

The TSA is the official way - agreed from the World Tourism Organization and approved by the United Nations - to measure the contribution of tourism to the national economy. The account consists of ten detailed tables which require a lot of tourist and economic information to complete. It also requires the completion of STS components, as well as the cooperation among tourism, the Central Department of Statistics and Information (CDSI) and the Saudi Arabian Monetary Agency (SAMA).

MAS' efforts began to prepare for this account upon completion of the STS in 2004, and because it requires full coordination with Statistics Office and Central Bank, the TSA takes five years on average after the completion of the STS. However, we manage with hard work in the Kingdom to accomplish our TSA in a record time and the launching of the beta version was in 2007. A year later, namely in 2008 the official launching of Saudi (TSA) was inaugurated by His Royal Highness the President of SCTA and the presence of the Minister of Economy and Planning. This major achievement places the Kingdom at the 11<sup>th</sup> rank worldwide, and the first country in the Middle East completed a full TSA. Since then, the Saudi TSA published on an annual basis and posted at MAS website in both languages Arabic and English.

## **3. MAS as a regional hub for Capacity Building in the field of tourism statistics and tourism satellite account**

The successful completion of STS and TSA lead to the nomination of MAS by the World Tourism Organization (UNWTO) to be a regional hub for capacity building in the field of tourism statistics and tourism

satellite account, and to be a strategic partner of the UNWTO in the Middle East. This nomination came after an official visit paid by the

head of the statistics and TSA program at the UNWTO to the Kingdom where he meets officials from the Department of Statistics and Information (CDSI) and the Saudi Arabian Monetary Agency (SAMA). This nomination is important recognition from the highest official in tourism in the field of tourism statistics and tourism satellite account.

MAS participates effectively in the meetings of the Committee of tourism statistics and tourism satellite account, and contributes with the international communities in the the development of international recommendations for tourism statistics and tourism satellite account 2008. MAS also has been invited to participate in the development of manuals for the application of international recommendations within a limited number of countries and with the participation of many international organizations.

#### **4. Achieving the first place in the comprehensive data for travel and tourism in WEF report**

As a result of producing around 146 statistical reports yearly and publishing them in MAS website, as well as providing the UNWTO and all stakeholders with comprehensive tourism data, the Kingdom has ranked first in the world in the Comprehensiveness of annual T&T data, according to The Travel & Tourism Competitiveness Report 2011 issued by the World Economic Forum.

The Travel & Tourism Competitiveness Report 2011 measures and analyzes the drivers of T&T competitiveness in economies around the world. Its main goal is to provide a useful tool for governments and business leaders in overcoming the obstacles to T&T competitiveness, in order to benefit fully from the sector's development. The Report

includes an analysis of the rankings of the Travel & Tourism Competitiveness Index (TTCI), which aims to measure the factors and policies that make it attractive to develop the T&T sector in 139 industrialized and emerging economies. It also features a variety of essays on key T&T issues by prominent industry thinkers.