

CURRICULUM VITAE



ATEQ AHMED ALGHAMEDI, Ph. D.

PERSONAL INFORMATION

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WORK EXPERIENCE

2018 - PRESENT

Associate Professor, Dept. of Statistics,
Faculty of Science, King Abdulaziz University

- Teaching graduate and undergraduate courses in: Probability, Statistical Modeling, Regression Analysis, Business Statistics, Biostatistics and Experimental Design
- Designing and delivering online courses
- Participating in several hiring and planning committees.
- Designing and delivering numerous training programs in: Biostatistics, SAS, R, Minitab and Statistical Analysis.
- Serving in several university committees.
- Providing general statistical consulting to researchers.
- Performing data analyses for researchers.

MAIN ACTIVITIES AND RESPONSIBILITIES

CONSULTANCY

I am presently engaged as consultant/advisor on some governmental and privet sectors such as Ministry of Labor, Casio, ALJ (Toyota), Abbar, Gulf Saber, Ibn Sena Medical College and National Center for Measurements, dealing with designing experiments, analyzing data, using statistical methods, randomization, time series analysis and finding rates or indexes, Design of performance rating metrics.

COMMITTEES

I have been a chair and a member of many committees in King Abdulaziz University, Jeddah Municipality, Ministry of Labor, Wadi Jeddah Company, and others such as:

1. عضو مجلس الإدارة، شركة وادي جدة
2. عضو مجلس المديرين، شركة التصوير الجزئي
3. عضو مجلس المديرين، شركة صافية
4. عضو مجلس المديرين، شركة تظمين
5. رئيس اللجنة المالية، شركة وادي جدة
6. رئيس لجنة تطوير الموارد البشرية، شركة وادي جدة
7. رئيس فريق برنامج سواعد العمل، وزارة العمل
8. عضو فريق تطوير نطاقات، وزارة العمل
9. عضو لجنة موائمة الخريجين مع متطلبات سوق العمل، وزارة العمل
10. رئيس لجنة جائزة وزارة العمل للأبحاث الطلابية، وزارة التعليم العالي و وزارة العمل
11. عضو فريق تطوير مرصد سوق العمل، وزارة العمل
12. عضو لجنة مكافحة حمى الضنك، محافظة جدة
13. عضو لجنة الترقيات للوظائف العليا، أمانة محافظة جدة
14. عضو لجنة إنشاء أكاديمية الأمانة، أمانة محافظة جدة
15. عضو اللجنة العليا المشرفة على النشاط الطلابي، جامعة الملك عبدالعزيز
16. رئيس اللجنة العلمية بالمؤتمر العلمي الطلابي الثاني، وزارة التعليم العالي
17. عضو لجنة الطاقة الاستيعابية، جامعة الملك عبدالعزيز
18. عضو مجلس الكلية، كلية المجتمع، جامعة الملك عبدالعزيز
19. عضو لجنة إنشاء كلية العلوم وكلية المجتمع، جامعة الحدود الشمالية
20. عضو لجنة دمج كليات البنات بالجامعة، جامعة الملك عبدالعزيز
21. رئيس لجنة الاعتماد الأكاديمي، قسم الإحصاء، جامعة الملك عبدالعزيز
22. رئيس لجنة التعاقد، قسم الإحصاء، جامعة الملك عبدالعزيز
23. المشرف على اللجان المشتركة بقسم الإحصاء، جامعة الملك عبدالعزيز
24. عضو ببرامج عبداللطيف جميل لخدمة المجتمع (2005 إلى 2010)
25. عضو وممتحن خارجي بعدد من لجان تحكيم رسائل الماجستير و الدكتوراه

TRAINING

I have taken many training and development courses in leadership and management, strategy, performance management, PMP, Big data, and six sigma. Some of them at top universities such as INSEAD.

CONFERENCES

I have attended more than 30 international conferences and congresses with/ without presentation of my own research.

PAST JOBS

2017 - 2018

MAIN ACTIVITIES AND RESPONSIBILITIES

CEO, Wadi Jeddah company and its subsidiaries

- *Develop high quality business strategies and plans ensuring their alignment with short-term, long-term objectives and strategy*
- *Lead and motivate subordinates to advance employee engagement and develop a high performing managerial team*
- *Oversee all operations and business activities to ensure they produce the desired results and are consistent with the overall strategy and mission*
- *Make high-quality investing decisions to advance the business with the goal of making profits*
- *Enforce adherence to legal guidelines and in-house policies to maintain Wadi Jeddah's legality and business ethics*
- *Review financial and non-financial reports to devise solutions or improvements*
- *Build trust relations with key partners and stakeholders and act as a point of contact for important shareholders*
- *Analyze problematic situations and occurrences and provide solutions to ensure company survival and growth*
- *Maintain a deep knowledge of the markets and industry of the company*

2015 – 2016

MAIN ACTIVITIES AND RESPONSIBILITIES

Advisor to Minister of Labor and Social Development

- *Involved with gathering, analyzing, and advising on a wide range of information to inform and presenting the material in ways that assist minister to readily engage and make informed decisions*
- *Involved in regular reporting to Minister, and the development of the Ministry's Five-year Plan, Annual Report, and Strategic Intentions*
- *Using best practices and available research to develop and implement activities designed to prepare information and analytical reports for the minister.*

2011 - 2015

MAIN ACTIVITIES AND RESPONSIBILITIES

Advisor to Minister of Labor for Academic Affairs

- *Using best practices and available research to develop and implement activities designed to prepare information and analytical reports for the minister.*
- *Developing services and programs such as research studies, service learning program, outreach program, and student's research award;*
- *Designing, analyzing, and implementing projects, and surveys with the collaboration of the universities or NGO.*

2008 - 2010

**MAIN ACTIVITIES AND
RESPONSIBILITIES**

Genral Manager of Organziational Development and Performance Management, Jeddah Municipality

Translating goals to results, not only on individual employees, but also on teams, programs, and processes.

Some of the services are the following:

- *Development of individual performance plans aligned with organizational goals*
- *Designing of performance rating metrics that effectively differentiate levels of performance.*
- *Effectively measure, communicate, and reward results*
- *Help managers learn to deliver effective performance feedback and coaching*
- *Competency analysis to identify behaviors important for job success*
- *Leading workshops to train supervisors and employees on setting objectives, reviewing performance, and delivering feedback to employees.*
- *Managing the assessment center.*

2004 - 2008

**MAIN ACTIVITIES AND
RESPONSIBILITIES**

Vice Dean, Jeddah Community College (JCC),
King Abdulaziz University

Full responsibility for managing the academic, administrative and financial aspects of JCC. This included setting academic plans, establishing new programs, monitoring expenses, managing students' course registration, recruiting instructors, course materials development, classes scheduling and logistics, assessment and evaluation, administering exams and graduation procedures, and coordinating with other colleges and deanship.

2008

Associate Professor, Dept. of Statistics,
Faculty of Science, King Abdulaziz University

2003 - 2008

**MAIN ACTIVITIES AND
RESPONSIBILITIES**

Assistant Professor, Dept. of Statistics, Faculty of Science,
King Abdulaziz University

Taught graduate and undergraduate courses in: Probability, Statistical Modeling, Regression Analysis, Business Statistics, Statistical quality control, Biostatistics and Experimental Design

1999 - 2001

Research Assistant, Franklin A. Graybill Statistical Laboratory.
Colorado State University, USA

1994 - 1995

Teaching Assistant, Dept. of Statistics,
King Abdulaziz University

EDUCATION

- 2002** Ph. D., Dept. of Statistics, [Colorado State University](#), Fort Collins, Colorado. USA
- 1997** M. Sc., Dept. of Statistics, [University of Arkansas](#), Fayetteville, Arkansas. USA
- 1993** B. Sc., Dept. of Statistics, [King AbdulAziz University](#), Jeddah, Saudi Arabia

SKILLS AND AREAS OF EXPERTISE

General skills in statistics and computing. Specific expertise and interests in:

- *Statistical software: SAS, Splus, Minitab, R, and SPSS.*
- *Human resource development*
- *Six Sigma.*
- *Computing platforms: UNIX, Windows.*
- *Programming languages: PROC IML, Splus, Maple, and HTML.*
- *Text formatting and office computing: LaTeX, Word, Excel, PowerPoint.*
- *Online education.*
- *Self-starter and Results-oriented.*
- *Effective communicator*
- *Motivator*
- *Arabic and English language.*
- *Strategic planning*
- *Organizational leadership skills*
- *Team building*
- *Performance management*
- *Process design*
- *Systems and technology utilization*
- *Train of Trainer*
- *Statisitcal Modeling and forecasting*
- *Survey analysis*
- *Research team leader*
- *Assessment center*
- *Data collection and analysis*
- *Evidence based research*

BOOKS

1. الرشيدى، ملفي و الغامدي عتيق (2017) التعليم العالي وتجاوز توليد الوظائف: الجامعات والمواطنة والمجتمع. كتاب مترجم. دار الناشر الدولي للنشر والتوزيع. الطبعة الأولى. ردمك: 9786039068860
2. الرشيدى، ملفي و الغامدي عتيق (2015) التعلم من خلال الخدمة في النظرية والممارسة: مستقبل المشاركة المجتمعية في التعليم العالي. كتاب مترجم بدعم من مبادرة سواعد العمل. دار الناشر الدولي للنشر والتوزيع. الطبعة الأولى. ردمك: 9786039062752

PUBLICATIONS AND FUNDED RESEARCH

1. Ahmed Kattan a, Alexandros Agapitos b, Yew-Soon Ong c, Ateq A. Alghamedi d, Michael O'Neill e, (2016) "GP made faster with semantic surrogate modelling" Information Sciences Volumes 355–356, 10 August 2016, Pages 169–185
2. Al-Ghamedi, A., Alrasheedi, M., (2014). "The application of discrete choice models in marketing decisions". Mathematical Theory and Modeling, Vol. 4, No. 9.
3. Alrasheedi, M., Al-Ghaemdi, A., (2013). "Some quantitative issues in pairs trading". Research Journal of Applied Sciences, Engineering and Technology, Vol. 5, No. 6.
4. Al-Ghamedi, A. A., A New Robust Measures of Skewness. Applied Statistics conference. Ribno, Slovenia, September 2007.
5. Al-Ghamedi, A. A. (2007). A Robust Estimation of a Spline Function. Advances and Applications in Statistics. 7(3), 435-440.
6. Al-Ghamedi, A. A. (2007). Non-parametric Robust Measures of Kurtosis. Far East Journal of Theoretical Statistics. 22(1) pp 131-140.
7. Al-Ghamedi, A. A., Variance of Trimmed Mean for Symmetric Stable Distributions. Third Brazilian Conference on Statistical Modelling in Insurance and Finance, Brazil, March 2007.
8. Al-Ghamedi, A. A. (2006). Robust Bayesian Estimation of location for Symmetric Stable Distributions. Journal of King Abdulaziz University: Science. 18 pp 93-103.
9. Barakat H. M., Al-Ghamedi A. A. (2005). On the Ratio of Symmetric Differences of Order Statistics. Journal of Applied Statistical Science. 15(2) pp 199-203.
10. Aljinaidi A. A., Noaman A. Y., Al-Ghamedi A. A. (2005). Developing Transfer Engineering Diploma Programs for Communtiy College Students: KAU Experience. (Submitted).
11. Al-Ghamedi, A. A. (2005). Graphic Calculator in Education JCC-CASIO Project. Asian Tecnology Conference in Mathematics. Cheong-Ju, South Korea.

12. Al-Ghamedi, A. A. (2004). A comparison of the power of Student's t and Siddiqui V statistics. *Pakistan Journal of Statistics*. 21(2) pp 167-177.
13. A new class of tests of location parameters for symmetric distributions. *Hawaii International Conference on Statistics*. HI, June 2002.
14. الغامدي، عتيق (2005). الإحصاء والبحث العلمي طريقنا لحياة أفضل!. الملتقى العربي الثاني للتربية والتعليم "التعليم العالي: رؤى مستقبلية". بيروت، لبنان.
15. الغامدي، عتيق (2007). حمى الضنك في محافظة جدة: دراسة ميدانية. جامعة الملك عبدالعزيز.
16. حسين، سمير و الغامدي، عتيق (2008). نظام رواتب ومكافآت للمهندسين المتعاقدين مع أمانة محافظة جدة. أمانة محافظة جدة
17. الغامدي، عتيق و حسين، سمير (2008). نظام مراكز التقييم والتطوير وتطبيق مفهوم المسابقات الداخلية للترقية. أمانة محافظة جدة
18. الغامدي، عتيق و حسين، سمير (2008). تحليل رأس المال البشري و الوظائف المعتمدة في أمانة محافظة جدة. أمانة محافظة جدة
19. الغامدي، عتيق و حسين، سمير (2009). سمعة الموظف في أمانة محافظة جدة. دراسة ميدانية من خلال منهجية المستكشف الخفي. أمانة محافظة جدة
20. الغامدي، عتيق و حسين، سمير (2009) اندماج الموظفين في أمانة محافظة جدة حسب منهجية جالوب. أمانة محافظة جدة
21. الغامدي، عتيق (2013) تحديد ساعات العمل في المملكة. الحوار الاجتماعي الأول. وزارة العمل.
22. الغامدي، عتيق و قطان، احمد (2014) نظام دعم اتخاذ القرار في نطاقات. وزارة العمل.
23. الغامدي، عتيق و اخوان، محمد (2014) الحد الأدنى للأجور في المملكة. وزارة العمل.
24. الغامدي، عتيق و قطان، احمد (2015) تحليل بياناتعاملات في سوق العمل السعودي. وزارة العمل
25. الغامدي، عتيق و قطان، احمد (2016) تحليل بيانات المعتمدين: المؤشرات والاتجاه العام. وزارة الحج

PROFESSIONAL MEMBERSHIPS

- *Islamic Society of Statistical Sciences (ISOSS).*
- *Saudi Statistical Association (SASS).*

EDITORIAL BOARD

- *Pakistan Journal of Statistics*
- *Journal of Statistics*

INTERESTS AND LEISURE

- *Reading, swimming, walking, and travelling.*
- *Community services.*

RESEARCH INTERESTS

My research interests include robust statistics, linear models, Data mining and performance managements. In robust statistics, specific areas of activity for me have included estimation and testing of location of heavy tails distributions. A new statistics of estimation and testing of location potentially offers great advantages over the moment estimators and t-test in current use.

In linear models, my interests include regression, variance estimation, and design of experiments, often with a view toward application in agriculture, biological and environmental sciences. My professional practice has often involved consultation on the design and analysis of real large data. In addition, I am working in nonparametric estimators for the tail of a distribution. I think this has great potential as a tool kit for classifying a distribution, so that you can use the best estimator and best test of location of population parameters

Lately, I have been working with my colleagues on development of performance plans aligned with organizational goals using BSC methodology. Also, designing of performance rating metrics and IBSC that effectively differentiate levels of performance, linking the IBSC with BSC through cascading or aggregating KPI's targets value, communicate, and reward results. Workshops to train supervisors and employees on setting objectives, reviewing performance, and delivering feedback, customized to the agency's needs