

SINAA ABDUL MUHSSEN ALAQEEL
PO Box 376316
Riyadh 11335, Kingdom of Saudi Arabia
salageel@ksu.edu.sa
<http://fac.ksu.edu.sa/salageel/home>

EDUCATION

January 2004 SPECIALIZATION	Ph.D. (Manchester University, United Kingdom) Pharmacoeconomics
November 1998 SPECIALIZATION	MS.c. (Manchester University, United Kingdom) Healthcare and Clinical Services pharmacy
July 1994 SPECIALIZATION	BSc (King Saud University, Saudi Arabia) Pharmaceutical Sciences

ACADEMIC POSITIONS

August 2012-prsent	Associate professor	King Saud University, Riyadh, Saudi Arabia
April 2004-August 2012	Assistant professor	King Saud University, Riyadh, Saudi Arabia
Sep 1995-April 2004	Teaching assistant	King Saud University, Riyadh, Saudi Arabia

ADMINISTRATIVE POSITIONS

Sep 2011-Sept 2015	Supervisor-Female section-, Mentoring program, Educational and Academic Affairs Vice Rectorship, King Saud University.
May 2013-April 2015	Vice Dean for Administrative Affairs –Preparatory Year, King Saud University
Feb 2005-Feb 2013	Deputy chair, Clinical Pharmacy Department, College of Pharmacy, King Saud University.

OTHER RESPONSIBILITIES

Jan 2012- Jan 2013	Advisor to His Excellence the Rector of King Saud University For Female Students Affairs.
Nov 2011- Nov 2012	Consultant to College of Pharmacy, Princess Noura Bint AbdulRahman University for Women in Riyadh, Saudi Arabia.
Feb 2013- July 2013	Consultant to the Higher Education Research center (CHERS), Ministry of Higher Education, Saudi Arabia.
Dec 2013-March 2014	External Reviewer for Pharmacy college curriculum, Princess Noura Bint AbdulRahman University for Women in Riyadh, Saudi Arabia.

COMMITTEE MEMBERSHIP

Member of many King Saud University-level committees, such as: Teaching and Learning Strategic Plan Committee, Strategies for Implementation of Interdisciplinary Programs Committee, Postgraduate Health Programs Review Committee.

Member of many College of Pharmacy-level committees, such as: the Curriculum committee, Postgraduate Students Committee, Teaching Assistant Selection Committee, and Doctor of Pharmacy Program Development Committee.

Member of many organising committee for many workshops and symposia such as workshop of the role of female deputy chairs in the educational process, workshop for interdisciplinary undergraduate education, women's higher education in Saudi Arabia symposia, the first Scientific Conference for Higher Education Students, Ministry of Higher Education, Saudi Arabia.

SUPERVISION/TEACHING RESPONSIBILITIES

Co-Supervising one PhD student (2012-, Lubna Aljaffali, Main supervisor Dr Margaret C. Watson, Centre for Primary Care, Aberdeen University, UK).

Supervised 17 Master research projects, the department of Clinical Pharmacy, King Saud University. Supervised 5 undergraduate students, College of Pharmacy, King Saud University.

My teaching includes developing, writing and delivery of lectures in the areas of: Pharmacoeconomics, Research design, Evidence based medicine and literature evaluation, Pharmacy law and Ethics, Pharmacy Administration, and Communication.

AWARDS and GRANTS

Chosen as one of the best reviewer for *Pharmacoepidemiology and Drug Safety* journal for the year 2014. Waleed Kayali Prize for Scientific Research 2013. The Digital course grant 2013. The National Plan for Science and Technology grant 2013(12-INF2822-02). The third prize poster winner EHPA conference 2013. Excellence in learning and Teaching 2012 grant.

SCIENTIFIC CONTRIBUTIONS

Published around 20 papers and reports and presented in 26 conferences or workshops. Referee/Reviewer for many journals and conferences.

A-REFEREED PAPERS

Sinaa Alaqeel and Norah O. Abanmy. Counselling practices in community pharmacies in Riyadh, Saudi Arabia: a cross-sectional study. *BMC Health Services Research* 2015, 15:557.

<http://www.biomedcentral.com/1472-6963/15/557>

Aljadhey H, Assiri GA, Mahmoud MA, **Al-Aqeel S**, Murray M. Self-medication in Central Saudi Arabia. Community pharmacy consumers' perspectives. *Saudi Med J*. **2015** Mar;36(3):328-34.

<http://www.ncbi.nlm.nih.gov/pubmed/25737176>

L. Al Juffali, M. Watson, S. **Al-aqeel** and P. Knapp. Exploring medication safety problems in community pharmacy in Saudi Arabia. *International Journal of Pharmacy and Practice* **2014**, 22 (1):2–3.

Lobna AL Juffali, Ola AL Omran, **Sinaa AL Aqeel**. Saudi Young Patient Understanding of Information about Side Effects Verbal versus Numerical expression. *Saudi Pharmaceutical Journal* **2014**; 22(11): 33-37. <http://www.sciencedirect.com/science/article/pii/S1319016413000054>

Al-Aqeel, SA, Al-Sabhan JF, Sultan NY. 2013. *Analysis of written advertising material distributed through community pharmacies in Riyadh, Saudi Arabia*. *Pharmacy Practice*. **2013**; 3(11):138-143.

<http://www.ncbi.nlm.nih.gov/pubmed/24223078>

ايناس العيسى، سناء العقيل، هناء السبيل، منى العيسى. التعليم العالي للفتاة في المملكة العربية السعودية: سياسات وإجراءات تعليمية مقترحة. *مجلة كلية التربية العلمية*. 2013. العدد(83).

Sinaa Alaqeel. *Pharmacy Students Feedback on The Use of Role-Play in Teaching Ethics*. *Pharmacy Education*. **2013**;13:140-14. <http://pharmacyeducation.fip.org/2013/09/pharmacy-students-feedback-on-the-use-of-role-play-in-teaching-ethics/>

Shiekha AlAujan, **Sinaa Al-Aqeel**, Abdulhaleem AlHarbi, Emad AlAbdulatief. Patients' Satisfaction with Diabetes Medications in One Hospital, Saudi Arabia. *Patient Preference and Adherence*. **2012**;6:735-40. <http://www.ncbi.nlm.nih.gov/pubmed/23077410>.

Norah O. Abanmy, Nouf A. Al-quait, Amani H. Alami, Meshaal H. Al-Juhai, **Sinaa Al-Aqeel**. The utilization of Arabic online drug information among Adults in Saudi Arabia. *Saudi Pharmaceutical Journal*. **2012**. 20(4):317-321. <http://www.ncbi.nlm.nih.gov/pubmed/23960806>

Sinaa Al-Aqeel , Rawan Al-Anizi, Delal Alkortas, and Ghazwa Korayem . Clinical Pharmacist interventions and barriers for documenting these interventions at King Faisal Specialist Hospital and Research Center. JKAU: Med Sci **2012**; 19:89-101.

Al Aqeel S. The State of Health Economic Evaluation Research in Saudi Arabia: A Review. *ClinicoEconomics and Outcomes Research* **2012**; 4: 177–184. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3401052/>

Al Aqeel S. Evaluation of medication package inserts in Saudi Arabia. *Drug, Healthcare and Patient Safety* 2012; 4: 33-38. http://www.dovepress.com/articles.php?article_id=9567&l=zJJzu7Xq4NYXW68GnCsNDeEI181237

Sinaa A. Al –Aqeel, Mohammed S. Al-Sultan. The use of Pharmacoeconomic evidence to Support Formulary Decision Making in Saudi Arabia: methodological recommendations. *Saudi Pharmaceutical Journal*. **2012**;20(3): 187–194. <http://www.ncbi.nlm.nih.gov/pubmed/23960792>

Al-Aqeel S, Al-Sabhan J. A Survey of Psychiatrists' expectations of clinical pharmacists in Riyadh, Saudi Arabia. *Medical Principles and Practice*. **2012**;21(4):383-8. <http://www.ncbi.nlm.nih.gov/pubmed/22248869>

Al-aeel N, **Al-Aqeel S**, Abanmy N. The appropriateness of anaemia management in haemodialysis patients. *Saudi Pharmaceutical Journal*. **2012**; 20(1): 85–91. <http://www.sciencedirect.com/science/article/pii/S1319016411000831>

Al-aeel S, Al-sabhan J. Strategies for improving adherence to antiepileptic drug treatment in patients with epilepsy. *Cochrane Database of Systematic Reviews* **2011**, Issue 1. Art. No.: CD008312. <http://www.ncbi.nlm.nih.gov/pubmed/21249705>

Al-Aqeel S , Al-Salloum H, Abanmy N , AL-Shamrani A. Un-dispensed prescriptions due to drug unavailability at a teaching hospital in Saudi Arabia. *Inter J Health Res* **2010**;3:213-216 http://www.ijhr.org/vol3_no4/ijhr_2010_3_4_4.php

A Al-Rwaili, **Al-Aqeel S**, Al-Nuaim L, Al-Diab A . The appropriateness of cancer pain management at KKHU. *The Gulf Journal of Oncology* **2009**;5: 37-43. <http://www.ncbi.nlm.nih.gov/pubmed/20084784>

Al-Aqeel S, Abanmy N . A survey on pharmacists working in primary healthcare centers in Riyadh city, Saudi Arabia. *Saudi Pharmaceutical Journal* **2008**;16(3): 245-251. http://www.sps-sa.net/portal/spj/pdf/July-October_2008/245%20Practice%20Report%201.pdf

Al-Malaq HM, **Al-Aqeel S**, Al-Sultan MS. Adverse drug reactions related hospitalization identified by discharge ICD-9 coding a university hospital in Riyadh. *Saudi Medical journal* **2008**; 29(8): 1145-1150. <http://www.ncbi.nlm.nih.gov/pubmed/18690308>

B-REPORTS AND OTHER PUBLICATIONS

Einas S. Al-Eisa, Hana I. Al-Sobayel, **Sinaa Alaqeel**. (2009) Models for colleges-universities relationship in some countries: a proposed model for Saudi Arabia. Higher Education Research and Studies, Ministry of Higher Education, Saudi Arabia. (CHERS_TR_0053).

Al-Aqeel S, Al-Nuaim L, Zaghloul E. (2005) Cooperation between pharmaceutical industries and Universities. Deanship of Scientific Research, King Saud University, Riyadh, Saudi Arabia.

C-CONFERENCE AND SYMPOSIA

A **poster** was presented at The 14th European Association for Hospital Pharmacists entitled 'Dispensing practice in Saudi community pharmacy' 13-15 March **2013**; Paris, France. (3rd Prize winner)

A **poster** was presented at The 12th European Conference on Health Economics entitled 'Resource utilisation and costs associated with scheduled maintenance therapy with infliximab versus adalimumab for treatment of adult patients with crohn's disease in one teaching hospital, Saudi Arabia' 18-21 July **2012**; Zurich, Switzerland.

Participated in the 2nd Saudi Pharmacoeconomic Conference 28-30 April **2012**, Gave a **paper** on "Resources utilisation associated with adverse events in one Saudi teaching hospital".

Participated in the 1st Saudi Pharmacoeconomic Conference 5-6 June **2011**, Gave a **paper** on "A Systematic Review of Economic Evaluation Literature in Saudi Arabia: Are there Data to be Used by Policy-Makers?".

A **poster** was presented at The 8th Saudi Pharmaceutical International Conference entitled 'Adherence to antibiotic restriction policy and its effects on outcomes and costs in the NGHHA', 26-28 April **2010**.

A **poster** was presented at The 8th Saudi Pharmaceutical International Conference entitled 'The appropriateness of anaemia management in dialysis patients' 26-28 April **2010**.

A **poster** was presented at The 8th Saudi Pharmaceutical International Conference entitled 'Psychiatrists' expectations of clinical pharmacists' 26-28 April **2010**.

A **poster** was presented at The 7th Saudi Pharmaceutical International Conference entitled 'Adverse drug reactions related hospitalization identified by discharge ICD-9 code, 29-31 March **2007**. (1st prize in Poster Competition)

Participated in the 9th international Pharmaceutical Science Conference and Exposition held in December, **2005**, at the King Saud University, Riyadh, KSA: Gave a **paper** on "Comprehensive review of health-related quality of life outcome measures in clinical trials of epilepsy".

A **poster** was presented at the Pharmacy: A profession in transition Symposium entitled "Pharmacists working in primary healthcare centers: are they ready to expand their role?", 19-25 April **2005**(10-11 Rabi I 1426) , Riyadh, Kingdom of Saudi Arabia.

Participated in the Cooperation between universities and private sector in research and development held in April **2005** (1-3 Rabi 1 1426), at the King Saud University, Riyadh, KSA. Gave a **paper** on "Cooperation between pharmaceutical industries and universities".

Participated in the Fifth University and Society Week held in December **2004** (27-30 Rabi 1 1425), at the King Saud University, Riyadh, KSA. Gave a **paper** on "Adverse drug reactions: can we avoid them".

A **poster** was presented at the British Pharmaceutical Conference entitled "Anaesthesia practice in orthopaedic surgery , 23-25 September **2002**, Manchester, U.K. Published in *Int J Pharm Pract* 2001;9(Suppl):R37.

A **poster** was presented at the British Pharmaceutical Conference entitled "Obtaining patient specific perioperative anaesthesia costs" , 23-26 September **2001**, Glasgow, U.K. Published in *Int J Pharm Pract*. 2002;10(Suppl):R25.

A **paper** was presented at the Health Service Research and Pharmacy Practice Conferences at Leeds University, Leeds, UK on 19-20 April **2001**. Title of the paper was "Analysis of anaesthesia related costs in orthopaedic surgery."

D-WORKSHOPS

Gave a **presentation** on Searching Pubmed database at the Research Center, Scientific and Medical studies Center, King Saud University 30 September 2012.

Gave a **presentation** on Research Methodology at the Research Center, Scientific and Medical studies Center, King Saud University 15 March 2011.

Chaired a session in "Medication Safety in Saudi Arabia: Opportunity and Challenges" workshop held on March 7 – 2011 by the Medication Safety chair, King Saud University

Speaker in Outcome Based Education workshop on the 3-4th May **2010**, conducted by Rectorship for education and academic affairs in collaboration with Rectorship for quality and development, King Saudi University, Saudi Arabia. **Gave a paper** on Outcome based Education: designing the course.

Speaker in Train the Trainer workshop conducted by Sheikh BaHamdan Research Chair for Evidence Based Healthcare and Knowledge Translation on the 5th April **2009**, Saudi Arabia. **Gave a paper** on "Evidence based pharmacoeconomics".

Facilitator in the 4th GCC Evidence Based Clinical Practice Workshop which was held at King Khalid University Hospital, Riyadh, Kingdom of Saudi Arabia from 22nd -27th of November **2008**.

Speaker in the "Pricing of Pharmaceutical Products" workshop conducted by the Saudi Food and Drug Authority on 20-21 May **2008** (06 Jomada II 1429).

Group Supervisor, "students' views about the strength and weakness of KSU" workshop conducted by the Studies, Development, Follow UP Council of the University on 19th of March **2008** under the Strategic Planning Project at KSU.

Facilitator in the 3rd GCC Evidence Based Clinical Practice Workshop which was held at King Khalid University Hospital, Riyadh, Kingdom of Saudi Arabia on the 17-21st of March **2007**.

Facilitator in the 2nd GCC Evidence Based Clinical Practice Workshop which was held at King Khalid University Hospital, Riyadh, Kingdom of Saudi Arabia on the 17-21st of March **2007**.

Coordinator and speaker in the "Biomedical literature evaluation" workshop which was held at King Saud University, Riyadh, Kingdom of Saudi Arabia on the 22nd of December **2005**.

Speaker in the "Pharmacoeconomics" workshop conducted at the Postgraduate Training Center, King Abdul Aziz Medical City, Riyadh, Kingdom of Saudi Arabia on the 13th of April **2005** (04 Rabi I 1426).

E- REFEREE

- Papers submitted to the American Journal of Pharmacy education, Journal of Pediatric Epilepsy, Quality of Life Research, Drug, Healthcare and Patient Safety, Seizure, Pharmacoepidemiology and Drug Safety, Research note, BMC Health Service Research, Acta Neurologica Belgica, Saudi Pharmaceutical journal, Saudi Medical journal, Sage Open.
- Proposals submitted for the Centre of Excellence in learning and Teaching, King Saud University 2013.
- Abstracts submitted to the Conference of International Society of Pharmacoeconomics and Outcome Measurement (ISPOR).
- Students' papers submitted to the First Scientific Conference for Higher Education Students, Ministry of Higher Education, Saudi Arabia.

- Students' presentation at the First and Third King Saud University Scientific Conference King Saud University, Saudi Arabia.
- Students research at the National Olympiad for Scientific Creativity (IBDA), Regional Competition. 2013.

SELF DEVELOPMENT

Attended over 60 workshops, short courses, or conferences on leadership, teaching and learning, quality assurance, and pharmacy.

A-LEADERSHIP

"Leadership and Administrative Creativity" Deanship of skills Development at King Saud University 11-12 April **2015**, Saudi Arabia.

"Organizational Development " workshop conducted by Ministry of Higher Education, Academic leadership development Center on 6 April **2015**, Saudi Arabia.

"Change Management" workshop conducted by Ministry of Higher Education, Academic leadership development Center on 5 April 2015, Saudi Arabia.

"Learning to Think Strategically" workshop conducted by Deanship of skills Development at King Saud University 10-11 December **2012**, Saudi Arabia.

"Mentoring - Getting the Most from Your Academic Role" workshop conducted by Deanship of skills Development at King Saud University 14 September **2011**, Saudi Arabia.

"Women and Power: leadership in a new world" workshop conducted by Harvard Kennedy School, Executive Education programs, USA from 15th to 20th May **2011**.

"Governance of Research in Health specialties" workshop 22 February **2011** conducted by Vice Rectorship for health specialties, at King Saud University, Saudi Arabia.

"Argumentation (psychological principles for refutation and persuasion)" workshop conducted by Deanship of skills Development at King Saud University from 8-9 May **2010** , Saudi Arabia.

"Recruiting ,Developing , And Retaining A Faculty For the Twenty-First Century" workshop conducted by Ministry of Higher Education, Academic leadership development Center on 10-11 January **2011**, Saudi Arabia.

"The essential academic leader" workshop conducted by Ministry of Higher Education, Academic leadership development Center on 9-10 January **2010**, Saudi Arabia.

“Leading in Academic Setting” conducted by Academic Leadership Development Program, Ministry of Higher Education from 13-14 April **2009** , Saudi Arabia.

“Constructing and Managing of work teams” workshop conducted by Deanship of skills Development at King Saud University from 28-30 March **2009**, Saudi Arabia.

“Leadership Training for Managers” conducted by Dale Carnegie Training from 9-11 February **2009** , Saudi Arabia.

“Leading Academic Department” conducted by Deanship of skills Development at King Saud University from 18-19 November **2008**, Saudi Arabia.

“Staff Performance Assessment” workshop conducted by Deanship of skills Development at King Saud University from 24-26 May **2008** (19-21/5/1429 H), Saudi Arabia.

“Strategic Planning and Effective Leadership” workshop hosted by KSU Strategic planning project on 28th of June **2008**, Saudi Arabia.

B-QUALITY ASSURANCE

Train the Trainer on Principles of Quality Management by Ibrahim Al-Ajlouni hosted by Deanship of Quality on 4th of February **2010**.

Quality Control through ISO 2008:9001 hosted by Research Center at the CFSMC on November **2009**.

The Accreditation Council for Pharmacy Education (ACPE) Standards Workshop hosted by College of Pharmacy on 26-28 April **2009**.

“The role of the strategic plan to reach the distinguished University” Workshop by Prof / Lee Sing Kong hosted by KSU Strategic planning project on 4th of November **2008**.

“The role of faculty in the preparation for institutional and programme accreditation” hosted by KSU Deanship of Quality on 19th of October **2008**

“Universities, Between International Classification and Accreditation” workshop hosted by King Saud University on 29-30 May **2008** (27-28/5/1429H).

“SWOT analysis of King Saud University” workshop conducted by the Studies, Development, Follow UP Council of the University on 15th of March **2008** for the Strategic Planning Project at KSU

"Assessment and Quality assurance" workshop conducted by Deanship of Quality at King Saud University from 1-3/11/1428 H (11-13 November **2007**), Saudi Arabia.

"Quality Assurance in Health Courses in KSA: dentistry and Pharmacy as a Model" symposia held on the 5th of November **2007** by the Riyadh College of Dentistry and Pharmacy.

"Quality Assurance for Educational Programs" workshop conducted by the National Commission for Academic Accreditation & Assessment, on 3-4 December **2006**, Saudi Arabia.

C-TEACHING SKILLS

King Saud Faculty Development Training workshop at the Academy for Teaching and Learning Excellence (ATL). University of South Florida. 16-20 June **2014**.

"Assessment of Learning Outcome" workshop conducted by Deanship of skills Development at King Saud University 3-4 December **2012**, Saudi Arabia.

"Effective Teaching" conducted by Deanship of skills Development at King Saud University from 1-2 December **2012** , Saudi Arabia.

"Professional Teaching competencies in HE" workshop conducted by Deanship of skills Development at King Saud University, 10 November **2012**, Saudi Arabia.

"Cooperative Learning" workshop conducted by Deanship of skills Development at King Saud University 28-29 August **2012**, Saudi Arabia.

"Learning Outcome Assessment" workshop conducted by Deanship of skills Development at King Saud University 22-23 May **2012**, Saudi Arabia.

"Engaging Students in Discussion and Group Activities" workshop conducted by Deanship of skills Development at King Saud University 14 September **2011**, Saudi Arabia.

Learning, Teaching and Assessment for Health Colleges Program strategic plan, Rectorship of Health Sciences and Partners Harvard Medical International, King Saud University on 2-3 April **2011**.

Assessing competencies in health science education workshop, conducted by Medical Education chair, at King Saud University on 19-20th December **2010**, Saudi Arabia.

"Teaching how to teach" workshop conducted by Partners Harvard Medical International and Vice Rectorship for health Specialities, King Saud University on 30 November-2 December **2010**.

"Assessment of Students Learning" workshop conducted by Deanship of skills Development at King Saud University on 20 September **2010** , Saudi Arabia.

"Teaching using active learning" workshop conducted by Deanship of skills Development at King Saud University on 21 September **2010** , Saudi Arabia.

"Using active learning techniques effectively" workshop conducted by Deanship of skills Development at King Saud University on 17-18th May **2010** , Saudi Arabia.

"Classroom learning: curriculum and teaching methods". The 8th Saudi Pharmaceutical International Conference 24 April **2010**.

"Assessment in Health education" workshop, conducted by Medical Education chair, at King Saud University on 7th April **2010** , Saudi Arabia.

"Learning system Management" workshop conducted by Deanship of skills Development at King Saud University on 6th April **2010** , Saudi Arabia.

"Constructing of Collective tests" conducted by Deanship of skills Development at King Saud University on 19-20th January **2010** (4-5/2/1431 H), Saudi Arabia.

"Course Design" conducted by Deanship of skills Development at King Saud University on 21st April **2009** , Saudi Arabia.

"Innovative Assessment: writing high quality MCQ Items, conducted by King Saud bin Abdulaziz University for health science on 7th May **2008**, KSU, Saudi Arabia.

"Planning for Effective Teaching" conducted by Deanship of skills Development at King Saud University from 19-21 April **2008** (13-15/4/1429 H), Saudi Arabia.

"Academic performance" workshop conducted by Almultaqa at King Saud University , Almalaz center 1-2 May **2007**.

D-PHARMACY

12th Health Technology Assessment annual meeting **2015**, Oslo, Norway.

14th European Association for Hospital Pharmacists Conference, 13-15 March **2013**, Paris, France. (3rd prize poster winner)

The 12th European Conference on Health Economics. 18-21 July **2012**; Zurich, Switzerland.

The 13th European Conference of international Society of Pharmacoeconomics and Outcome Measurement. 6-9 November **2010**, Prague, Czech Republic.

Medication safety workshop: stepping stones to medication safety. The 8th Saudi Pharmaceutical International Conference 26- April **2010**.

8th Saudi Pharmaceutical International Conference 26-28 April **2010**.

5th International Conference of Evidence-Based Health Care Teachers & Developers, Models of Practice in Hospital and Primary Care. Taormina (Italy), 28th October - 1st November, **2009**.

“Systematic Reviews for Health Technology Assessment and Pharmacoeconomics: Meeting the needs of Decision Makers” on August 19-21, **2008**. York, UK .

1st Biostatistic for the Pharmaceutical Industry Course, 22-26 March **2008**, King Faisal Specialist Hospital, Saudi Arabia

Food & Drug Regulation: Present & Outlook Symposium. Conducted by the Saudi FDA on the 20th May **2006** (22 Rabe'a Al-Thani 1427H)

EBM pan Arab Congress on the 11-12th April **2005** conducted by the National and Gulf center for Evidence Based Medicine. Saudi Arabia.

The 9th international Pharmaceutical Science Conference and Exposition. 17-21 December 2005.

SocioEconomic Evaluation of Medicines workshop 18-20 July **2001**, University of York, United Kingdom.

Research Methodology Module **2000**. The Manchester School of Social Sciences, The University of Manchester, United Kingdom.

Health Economics Course **2000**. The Manchester Center for Healthcare Management, The University of Manchester, United Kingdom.

Epidemiology and Biostatistics Module **2000**. School of Epidemiology and Health Sciences, The University of Manchester, United Kingdom.

Data analysis using SAS Course **2000**. The University of Manchester, United Kingdom.

The professional Research Skills Module **1999**, The University of Manchester, United Kingdom.

The professional Transferable Skills Module **1999**, The University of Manchester, United Kingdom.