

Dr Nami Aljehani

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Vision

Guide myself and others to reach our real destination “Paradise”

Mission

To live a life dedicated to learning, integrity, commitment, challenges, and joy. To share a lifetime of knowledge about histopathology, molecular pathology, quality improvement, leadership and management, having a positive impact on every person with whom I come in contact; valuing family relationships; being at all times aware of and engaged in my natural environment; inventing, leading, writing and traveling the world to experience its richness.

Areas of Expertise

Quality Management
Teaching and Education Development
Project design, management & accountability
Leadership training and coaching

Histology and Molecular Pathology
Lean Six Sigma training and implementation
Change Management & Improve culture
Intercultural communication skills

Employment History

King Saudi University

Riyadh, SA

Joined the University with the following objectives:

- Improve the education methods and merging between the training, coaching methodology to match adult student need in 2012-2013.
- Closing the gap between the theory and the practical by involving the students in more real hospital experience during the study years.
- Improve research by formulating a research group to study the molecular changes in colorectal cancer in the Saudi population.
- Add to my experience by associating myself with university's professors and learn from them.
- Involve in the quality improvement team in the University and share with them my healthcare quality experience.
- Collaborate with King Khalid Hospital laboratory department in quality improvement programs.
- Contribute to the community through programs run jointly with the University in Riyadh and other areas.

Dr Nami Aljehani

Vice Dean for Technical Affaires, Preparatory Year

May 2012 - Present

In Preparatory Year, I have two main responsibilities, Vice Dean for Technical Affairs and Acting for Vice Dean for Quality and Development.

In Technical Affairs, I'm accountable for everything not academic on the deanship including facility management, support, security, maintenance, orientation..etc.

While in Quality and Development, I'm working with other quality team to maintain and improve the quality education and matching the strategy of King Saud University

Assistant Professor, Molecular Pathology, College of Applied Medical Science,

Dec. 2011- Present

- Teaching Descriptive Histology (CLS 222) and Histological Techniques (CLS 322) for the 2nd and 3rd year Clinical Laboratory Science students.
- Academic adviser for more than 10 students
- Department Quality Committee member and involving with many academic decisions.

Delta Medical Laboratories

Riyadh, SA

Consultant Molecular Pathology, Sept 2011-present, Part time

Delta Medical Laboratories are the first private referral laboratory in Saudi Arabia since 1997. It provides referral Medical Laboratory services to the private and government health care sectors. My role as a Consultant includes but not limited to the following:

- Evaluate and validate all Molecular result including the NAT for donors.
- Educate laboratory staff and marketing team on quality and the molecular testing.
- Contribute in Accreditation process and lead the team in ISO Certification
- Market the NAT and other molecular services to other clinical services
- Participate in consultation visits to current and prospect customers as part of our education services.

Dale Carnegie through Ertiyad Training Company

Riyadh, SA

Certified Trainer for Dale Carnegie Training, June 2008 –present, part time

Dale Carnegie Training, the leader in communication and sales training, has been assisting managers, salespeople, and leaders for over 100 years by identify and develop their talents, skills and abilities. They have helped individuals discover and leverage their talents to enhance their careers, increase their sales and become influential leaders. As a certified trainer part of my responsibility the following:

- Deliver DCC and other programs in both English and Arabic languages to local Clients.
- Conduct consultations with sales team to determine participants' outcomes.
- Consult with Account executives and account managers to tailor solutions to client needs.
- Conducting needs assessments with prospects clients and close training deals

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Sultan Bin Abdulaziz Humanitarian City

Riyadh, SA

Director, Professional Services, March 2008 to Nov. 2011

Professional Services Department is consist of 8 different clinical departments (Clinical Laboratory, Diagnostic Imaging, Pharmaceutical Care, Biomedical Engineering, Nutrition and Food services, Audiology, Optometry and Physiological Testing) and more than 100 employees. My role as a director includes but not limited to the following:

- Plans, implements, and evaluates each department scope of services, objectives, and yearly strategy in line with the vision and mission of the City.
- Evaluates and recommends each department budget allocations, expenditures and ensure fiscal controls.
- Implements and follows with the team the cost containment initiative plan which saved more than 1.7 million during 2009-2010.
- Maintains, and manages patient's needs, facilities, and human resources.
- Selects, evaluate and trains each department head.
- Collaborates with a variety of internal and external customers (e.g. Medical Affairs, Nursing Care, Ministry of Health, etc.) for the purpose of planning, implementing and maintaining services.
- Prepares and review wide variety of often complex materials such as plans, budgets, reports, analyses, policies and procedures, etc.
- Contributes to the City wide preparation for Joint Commission International Accreditation (JCIA) and Commission on Accreditation of Rehabilitation Facilities (CARF) as an Auditor, Surveyor and a Team Leader.
- Chairs and participates in many organizational committees including:

Executive and Board of Directors Committee	Education Development Advisory Committee
Quality Council Committee	Accreditations and Auditing Committee
Utilization Management Review Committee	Clinical Operation Committee
Health and Safety Committee	Standard Committee
Patient Centered Care Committee	Research and Ethical Committee
- Monitors and reviews quality improvement plan of each department through Key Performance Indicators (KPIs).
- Evaluates and negotiates external contracts (maintenance, services and purchasing) and business developments programs
- Represents the City in many different internal and external educational and business related activities.
- Acts on behalf of the Executive Director of Clinical Affairs during leaves and external visits.

Sultan Bin Abdulaziz Humanitarian City

Riyadh, SA

Chief, Clinical Laboratory Services, Nov. 2006- March 2008

- Planed, managed and led the activities of the Clinical Laboratory services
- Reported and maintained quality improvement plan
- Selected, evaluated and trained laboratory staff.

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- Collaborated with other clinical departments to provide each patient with satisfactory services.
- Participated in different committees
- Prepared the Laboratory for Joint Commission International Accreditation
- Wrote and updated laboratory Policies and Procedures

King Fahad Medical City (KFMC)

Riyadh, SA

Anatomical Pathology and Cytology Supervisor, Oct 2004- Nov. 2006

- Planned, managed and supervised the activities of the laboratory including Molecular Oncology testing.
- Safety Committee Organizer and instructor.
- Central Laboratory Education Committee member and Saudization employment scheme coordinator.
- Clinical Services Career Planning & Credentialing Committee member.
- Organizer of Management and Communication lectures and workshops

King Fahad Medical City (KFMC)

Riyadh, SA

Faculty Member, Medical College, Feb. 2005- March 2007

- Involved in establishing the medical school.
- Assisted in implementing Problem Base Learning (PBL) as a way of teaching
- Assists in planning curriculums for 1st and 2nd year.
- Man and His Environment module planner and coordinator.
- Principle of Diseases module planner.
- Medical Terminology Module tutor.

Institute for Cancer Studies, Division of Genomic Medicine, Medical School, University of Sheffield, – Sheffield, UK

Post doctorate Training, June 2003- July 2004

- Looked at the function of NBS1 gene and its protein in S-phase check point on Colonic Carcinoma.
- Performed mRNA extraction, RT-PCR, cDNA sequencing and Western Blot.
- Designed primers for NBS1, MER11 and Chk1 genes and screened for SNP mutations using the WAVE MD machine.
- In-situ hybridization staining on colonic tissue sections.

Institute for Cancer Studies, Division of Genomic Medicine, Medical School, University of Sheffield, – Sheffield, UK

Teaching and Training, Jan 1999- Dec 2002

- Alongside my own research, I have supervised and taught BMedSci Students (3rd year Medical Students running a 1 year research project to gain the BSc qualification) to performer their practical work and understand the theoretical aspects of tumour mechanisms (5 students).
- Supervised new PhD students (4 students) to get familiar with different research techniques including, Tissue Cultures, Immunohistochemistry staining, Molecular Techniques and Flow Cytometry.

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- Postgraduate Student representative in the ICS department for 1 year.
- Involved in group meetings, department's journal club and flow cytometry club.

Institute for Cancer Studies, Division of Genomic Medicine, Medical School, University of Sheffield, – Sheffield, UK

Flow Cytometry, Nov 1997- Dec 2002

Supervised and Trained by Dr John Lawry the ex-chairman of the British Flow Cytometry Society and now the UK and Europe Senior Scientific Support Specialist Cell Sorters for Becton Dickinson Biosciences.

- Maintained and operated FACScan and FACSort.
- Run Clinical and non-clinical samples in FACScan and FACSort.
- Used CellQuest™ and ModFit™ software to analyze data.
- Performed and troubleshooted most of Quality Control problems

Al Hada Armed Forces Hospital,

Taif, SA.

Medical Technologist Oct. 1992-Sept 1994 and Oct 1995-Nov. 1996

- Performed all routine tests from receiving samples till reporting results, (Pre-analytical, Analytical, and Post-analytical).
- Operated, maintained and troubleshooted a wide variety of automated analysers (Hitachi 717, Coulter Counter STKS, T-540, TDx and many other equipments).
- Assisted in training and teaching new staff and technical students at the procedural and theoretical levels.
- Performed and troubleshooted all Quality Control problems before reporting patient results using the quality improvement programme established in the Laboratory Policy and Procedures.
- 7 Months, Acting Supervisor for Blood Bank.
- In charge of Histopathology and Cytology laboratory

Education

1996-2002, Division of Genomic Medicine, Medical School, University of Sheffield, UK

PhD, Molecular Pathology, Thesis title: "*The Role of Transforming Growth Factor- β 1 in Colon Adenocarcinoma*". Supervised by Dr John Lawry.

My research investigated novel inhibitory and proliferation control effects of Transforming Growth Factor β 1 (TGF- β 1) in colon cancer cell lines and human tissue samples. We managed to determine the involvement of p15, p21, p27, p16, CDKIs and TGF- β 1 in controlling the G1/G2 phase of cell cycle using **Flow Cytometry**, **Immunohistochemistry staining** and **in-situ Hybridization (ISH)**. Also this study established the significance of TGF- β 1 activity in-vitro in terms of secondary pathway including checkpoint proteins using **Western Blotting and DNA Staining**. Finally, we conclude given the specific signaling pathways activated by TGF- β 1 and of the responses of cells as it progress to an invasive phenotype, it will be important not only to continue to use sophisticated molecular approaches in vitro, but also to intensify efforts to extend these investigations to more complex in vivo models.

1994-1995, Sheffield Hallam University/University of Sheffield, Sheffield, UK

MSc, Pathological Sciences, the major subject being in Cellular Pathology (Histopathology).

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1988-1992, Faculty of Medicine and Allied Sciences, King Abdulaziz University, Jeddah, SA
BSc, Medical Technology (Clinical Laboratories Science), grade: very good.

Self-Development and Advanced Training

- Academic Leadership Development workshop for Academic Deans and Department Chairs, with Dr. Dean Van Galen and Dr. Jeffrey Buller, Academic Leadership Center, KSU, Riyadh, 2012
- Change Accelerating CAP: A Practical Application, with Mohammad Alkateeb, Riyadh 2011.
- Innovation in Healthcare workshop, with Monzer Jabak, Riyadh 2010
- Customer Satisfaction, with Asim Baig, Riyadh 2010
- Project Management Certification preparation workshop, with Rowad Training, Riyadh, 2010
- Preceptor ship in healthcare workshop, Riyadh, 2009
- Six Sigma Black Belt Certification preparation workshop, with Anexas Company, 2008
- Finance for non-accountants, with Mr. Hassan Alzahrani, Riyadh 2007.
- Decision Making and Problem Solving, with Ms. Christina Van Deventer, Riyadh 2007.
- Teamwork in Healthcare, with Dr. Mahmood A. Ashi, Riyadh 2007
- Staff Education Assessment, with Ms. Amie Silo, Riyadh, 2007.
- Communication Skills, with Dr. Yasser Tashkandi, Riyadh, 2007.
- Personality Type (MBTI), with Dr. Mousa Aljwaser, Riyadh 2007.
- Awaken the giant within, with Dr Suleiman Al Ali, Riyadh 2007.
- Mind Mapping, with Mr. Yousef Alkeddar, Riyadh 2007
- Speed Reading, with Mr. Yousef Alkeddar, Riyadh 2007
- Awakening the giant in you, with Dr Suleiman Al Ali, Riyadh 2006.
- NLP New Code, with Dr. John Grinder, Dubai 2006.
- Root Cause Analysis, with Mohammad Alkateeb, Riyadh 2005
- The Paradigm, with Dr. Ayob Al Alyob, Riyadh, 2005
- Saudi Bio 2004-Jeddah, an International Biotechnology Conference, Jeddah, Saudi Arabia, 10th-12th May 2004.
- Lateral Thinking, with Dr. Robert Heller, London, 2003
- European School of Genetic Medicine, Italy, 5th-9th Sept. 2003. 8th Course in Cancer Genetics.
- European School of Genetic Medicine, Italy, 10th-14th Sept. 2003. 5th Course in Molecular Cytogenetics and DNA arrays
- The Specialized Academy for Medical Training, Molecular Diagnostic Group, in co-operation with Molecular Biology Unit, KAMC, NGHA and Molecular Diagnostics lab, KAUK, Jeddah, KSA, 27th May 2003. Course & Mini Symposium on Molecular Diagnostic and Research Applications.
- King Faisal Specialist Hospital and Research Centre- Jeddah, Department of Surgery, KSA, 6th May 2003. Mini Symposium on the Human Genome and its Medical Applications.
- Bio-informatics Symposium and Exhibition, London, UK, Microarray Technology, 19th Nov 2002. One day Course examined the Role of Microarray through series of scientific presentations, giving the delegates a comprehensive overview of the sector.

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Courses, Workshops and Presentations

- Clinical Laboratory Quality Management, MOH, Albaha, 2013
- Clinical Laboratory Quality Understanding and Implementation, MOH, Abha, 2012
- Communication in healthcare setting, KKESH, Riyadh, 2011
- Clinical Laboratory Quality System, MOH, Jazan, 2011
- Foundation of Total Quality Management in Medical Laboratories, MOH, Riyadh, 2010
- Patient and Family Centered Care Establishment, series of workshops, Sultan Bin Abdulaziz Humanitarian City, May- Nov 2010
- Communication skills for Health Care, Sultan Bin Abdulaziz Humanitarian City, 2010
- Why Quality, Saudi Laboratory Science Society 1st symposium, King Saud University, 2009
- Introduction to Project Management, Sultan Bin Abdulaziz Humanitarian City, 2009
- Critical thinking, Health Care Quality Management Network, Riyadh, 2009
- Why we need quality?, Saudi Society for Clinical Laboratory Science, First clinical Laboratory Sciences forum, Riyadh, 2009
- Mind Mapping in Planning, Sultan Bin Abdulaziz Humanitarian City, 2008
- The Future of Medicine, where we are? Sultan Bin Abdulaziz Humanitarian City, 2008
- Time Management for Manager, series of workshop, Sultan Bin Abdulaziz Humanitarian City, 2008-2009
- First thing first, series of workshop, Sultan Bin Abdulaziz Humanitarian City, 2008-2010
- How to deal with Bad behaviors, Healthcare Quality Management Network, 2007, Riyadh, SA
- Professionalism and Clinical Laboratory, Sultan Bin Abdulaziz Humanitarian City, 2007, Riyadh, SA
- Genetic Counseling, Sultan Bin Abdulaziz Humanitarian City, 2007, Riyadh, SA.
- How to be successful, Bahrah Community Center, 2007, Makkah, SA.
- Lateral thinking and Creativity, Sultan Bin Abdulaziz Humanitarian City, 2007, Riyadh, SA.
- How to promote Professionalism in your Institute, Healthcare Quality Management Network, 2006, Riyadh, SA.
- The Future of Medicine, King Fahad Medical City, 2006, Riyadh.
- Professionalism for Nurses, series of workshops, King Fahad Medical City, 2005-06, Riyadh.
- Management Change through Culture Change, King Fahad Medical City, 2006, Riyadh.
- Lecturer in King Fahad Medical College, King Fahad Medical City, 2005-2006, Riyadh, SA
- Lecturer in Division of Genomic Medicine, Medical School, University of Sheffield, 1999-2004, UK
- Lecturer in King Fahad Medical City, Education department, staff development, 2004-06, Riyadh, SA.
- Safety in Clinical Laboratories, series of Workshops, King Fahad Medical City, 2004-06, Riyadh.
- Using your Mind, Series of workshops, Broomhall Community Centre, 2001, Sheffield, UK
- ISAC 1999 Samuel Latt conference on “Signalling for Life and Death”, Hamilton Island, Australia, 18-23 July 1999. **Oral presentation** titled: Proliferation of human colon cancer can be control by TGF- β 1 an *in vivo* and *in-vitro* study.
- Joint British and Irish Association for Cancer Research Meeting, Dublin, Ireland, 21-24 June 1998. **Paper presentation** titled: The role of TGF- β 1 in the proliferation of colon cancer.

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- International Society for Analytical Cytology Annual meeting in Colorado Spring, Colorado, USA, 28 Feb-5 March 1998. **Paper presentation** titled: The role of TGF- β 1 in colon cancer and cell cycle control.

Publications

- **Aljehani N**, Royds J, and Lawry J. Proliferation of human colon cancer can be control by TGF- β 1 an *in vivo* and *in-vitro* study. Submitted for publications.
- **Aljehani N**, Limer JL, and Lawry J. Localization of Transforming Growth Factor- β 1 and its Receptors in Colon Cancer. Submitted to Histopathology for publication.
- Limer JL, **Aljehani N**, Royds JA, Lawry J (2000) The role of p21 and p27 in the growth inhibition of colon carcinoma cells by transforming growth factor- β 1. British Journal of Cancer, Vol. 83, suppl.1, P55.
- **Aljehani N**, Royds JA, Lawry J (1998) The role of TGF- β 1 in colon cancer and cell cycle control. British Journal of Cancer, Vol. 78, suppl. 1, P187.
- **Aljehani N**, Bowman J, Royds JA, Lawry J (1998) The role of TGF- β 1 in proliferation of colon cancer. Cytometry, suppl. 9, CB 46.
- Rainsford KD, Tsang S, Hunt RH, **Aljehani N** (1995) Effects of Non-Steroidal Anti-Inflammatory Drugs on Prostaglandin H Synthase Isoenzyme 2 (Cyclo-Oxygenase 2) Production by Porcine Gastric Mucosa in Organ Culture. Inflammopharmacology, 3: 299-310.

Professional Certification

Certified Six Sigma Black Belt

Certified Dale Carnegie Trainer

Preparing For Certified Professional in Healthcare Quality (CPHQ)

Professional Memberships

Fellow of the International Society for Analytical Cytology (FISAC).

Fellow of the British Association of Cancer Research (BACR).

Member of Healthcare Quality Management Network (HQMN)

Voluntary Experience

Broomhall Community Centre

Sheffield, UK

Community Center Committee Member Jan 2001-Jan 2002

- Management Committee member of Broomhall Community Centre.
- Attended Management Skills work-shops and volunteer recruiting training.
- Implemented the practical quality assurance system for small organization (PQASSO) in the community center.
- Homework Club: involved in helping students age 9-15 years in performing their homework.
- Supervised students using the computer suite.
- Helped with all the computer work in the center.

University of Sheffield

Sheffield, UK

Saudi Society President and Founder 1997-1999

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- Formed the Saudi Society in University Union since 1997 and hold the Chairperson for the two consecutive years.
- Organized all the society activities in the university, which include the International Week where international students represent their countries in the University.
- The Society has been awarded the Prize of the best social event in 1998.
- Received Annual Global Span award for the best national society president 1998/99

Saudi Students Club

London, UK

President of the Association of Saudi Medical Technologists (ASMT) 1998–1999

- Organized bi-weekly scientific meetings for the members in the Medical School, University of Sheffield.
- Updated the association's web page and published the newsletters.
- Introduced the Association to all Saudi Students in UK and attracted new members.
- Organized the 3rd Annual General Scientific Meeting (Oct 23rd 1999) in Sheffield and invited speakers from all over the UK.

References

Dr Abdulmajeed Albanian,

Dean of Preparatory Year Deanship
King Saud University
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Mr. Abdullah Bin Zarah

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