

# Curriculum Vitae

## Personal Information:

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## Education

1998 - 2001 Ph.D. in Medical Informatics, Vanderbilt University, USA.  
1994 -- 1998 MSc, in Biomedical Engineering, Minor in Medical Informatics  
Department: Biomedical Engineering  
School of Engineering  
Vanderbilt University (Nashville, TN) USA  
1986 -- 1991 King Saud University, College of Applied Medical Sciences, Biomedical Technology Dept. (Riyadh, Saudi Arabia)  
1983 -- 1986 High School in Saudi Arabia

## Professional Experiences:

2010 -2011 Senior Advisor, Vice rectorship for Health Specialties, and chairman, Strategic Planning committee  
2009 – 2010 Senior Advisor, deputy Minister's office for Planning and information, Ministry of Higher Education.  
2008 – 2009 Executive Director, Development Programs Dept. Ministry of Higher Education.

2008 – 2009	General Director, Science and Technology Center, Ministry Of Higher Education, National Comprehensive Plan for Science and Technology.
2007 – 2009	Senior Advisor, deputy Minister's office for Educational affairs, Ministry of Higher Education.
2009- 2010	Member, National Industrial Strategy, Ministry of Commerce and Industry.
2008- 2010	Member, Educating Advisory Council, the National Competitiveness Center, Saudi Arabian General Investment Authority
2009 – Present	Board Member, Board of trustees, Al-Yamamah University.
2008 – Present	Board Member, Board of trustees, Saad College of Nursing and Allied Health Sciences.
2005- 2007	General Director, Admission Center, King Abdullah Scholarship Program, Ministry of Higher Education.
2003 – 2006	Chairman, Biomedical Technology Department, college of Applied Medical Sciences, King Saud University.
2001- Present	Faculty member of Medical Informatics, Biomedical Instrumentation Technology, College of Applied Medical Sciences, King Saud University, Riyadh, Saudi.
2003 – 2004	Consultant, Computer Department, Ministry of Health, Saudi Arabia
2004 – 2006	Consultant, Deputy Rector for Studies, Development, and Follow-Up, King Saud University, Saudi Arabia
2002 – 2003	Adjunct Professor of Medical Informatics, Department of Information Systems, College of Computer & Information Sciences, King Saud University.
1999 - 2000	Research Assistant, Division of Biomedical Informatics, Medical Center, Vanderbilt University, USA.
1998 - 2001	Instructor for web-based workshops: Creating online courses using HTML, database and advanced multimedia tools.

1998 – 2001	Developer, Net-learning group at Vanderbilt University, USA.
1993 - 1994	Teaching Assistance, Biomedical Instrumentation Technology Dept., College of Applied Medical Sciences, King Saud University
1992 - 1993	Biomedical Engineer, Biomedical Engineering Dept., Aero-Medical Evacuation, Ministry of Defense.
1991 - 1992	Biomedical Engineer trainee – BME Internship, Biomedical Engineering Dept., King Faisal Specialist Hospital and Research Center.

### **Project Implemented**

2009 - 2010	Executive Project Manager, Academic Departments Development Program Project, Ministry Of Higher Education
2009 - 2010	Executive Project Manager, Scientific Associations Development Project, Ministry Of Higher Education
2008 - 2010	Executive Project Manager, Student counseling and Services Development Project, Ministry Of Higher Education
2008 - 2010	Executive Project Manager, Summer Program for Gifted Students Project, Ministry Of Higher Education
2008 - 2010	Executive Project Manager, Program for the Development of Creativity and Excellence of the Faculty Members in Saudi Universities, Ministry Of Higher Education
2007 – 2009	Member, Business Process Management and Re-engineering Project at King Saud University

### **Attended Workshops/Training**

2011	“Saudi-Oxford Higher Education Leadership Program” <b>Oxford</b> University
2010	“Saudi-Oxford Advanced Management and Leadership Program” <b>Oxford</b> University.

2009	“Strategic Management for Leaders in NGO’s” <b>Harvard University</b>
2008	“Business Process Management” Loanardo Consulting, Australia
2008	“Effective Strategic Planning ” Riyadh, Saudi Arabia
2008	“Decision Making and Problem-Solving Techniques” Riyadh, Saudi Arabia
2008	“Detection of forged documents and certificates techniques” Naif Arab University for Security Sciences
2008	“Strategic Planning for Center of Excellence for H/U research
2008	“National Plan for Business Incubator” King Abdulaziz City for Science and Technology
2008	“Six Sigma for Quality Improvement” in France, British Training Center
2008	“Project Management” Bahrain
2008	“Building Team Work” Riyadh, Saudi Arabia
2004	Speaker, Workshop (Elearning in Medical Education), the first scientific conference in medical education in the kingdom, School of Medicine, King Saud University, Riyadh Saudi Arabia
2003	Speaker, Uses of computer in Medicine workshops, School of Medicine, King Saud University, Riyadh, Saudi Arabia
2002	Advanced training program in Medical Informatics, University of Malaya, Kula Lumpur, Malaysia
2002	Intensive Training Program in E-learning, Unitar University, Kula Lumpur, Malaysia
2001	SPSS training workshop – three sessions in three weeks, USA
2001	SAS Training workshop (data management and analysis package) – four sessions, USA

1997	Database applications using Lotus Notes Package, USA
1997	Converting Patient Education resources to web pages, USA
1997	Virtual conferencing on the Internet, USA
1997	Interactive publications on the World Wide Web, USA
1997	Developing a health system's World Wide Web site, USA
1996	Internet Principles and Applications, Los Angles, CA
1996	Networking Applications at Vanderbilt University, USA

### **Attended Symposiums/Conferences**

2003	E-document Forum, Saudi Computer Society, Riyadh Saudi Arabia
2003	International Conference on Sensors, Kula Lumpur, Malaysia Member of International advisory Committee
2002	International Conference on Biomedical Engineering, Kula Lumpur, Malaysia
2001	Network Security in the Internet Age, Nashville, Tennessee.
1998	Annual Conference of the American Medical Informatics Association (AMIA), Orlando, Florida.
1997	Annual Conference of the American Medical Informatics Association (AMIA), Nashville, Tennessee.
1996	Annual meeting of the Association for the Advancement of Medical Instrumentation (AAMI) Philadelphia, Pennsylvania
1995	Annual meeting of Computer in Anesthesiology and Critical Care. Nashville, Tennessee
1995	Annual meeting of the Association for the Advancement of Medical Instrumentation (AAMI) Los Angles, California.

### **Publications**

1. A Model For Asynchronous Learning Networks In Medical Education, ALN Magazine, Volume 2, Issue 2 - October 1998, ISSN 1092-7131
2. Learning about screening using an online or live lecture: does it matter? J Gen Intern Med. 2002 Jul ;17 (7):540-5 12133144 (P,S,E,B)
- 3- Web-based Quiz Builder. Asian Conference on Sensors 2003, 14-18, July 2003. IEEE, UKM, UiTm.
- 4- Standards for Health Information Systems in Saudi Arabia. Saudi Journal of Sport Medicine, February, 2007
- 5- HIPAA based Healthcare Information Security Qualitative Assessment; Application to Security Survey for Saudi Hospitals. International Association for Development of the Information Society (IADIS) International Conference eHealth 2010, Germany.
- 6- Key requirements for the Selection of National Hospital Information System in Middle Eastern Countries: A Technical Model for Saudi Arabia. Under publication.
- 7- Digital Processing of Stress in Standard Arabic: Under publication

### **Field of Interest:**

- Biomedical Engineering Maintenance Programs.
- E-health Applications
- Hospital Information Systems
- Telemedicine
- Bioinformatics
- Intelligent Tutoring Systems
- E-learning in Medical Education.

### **Societies Memberships**

- Saudi Computer Society
- American Medical Informatics Association (AMIA)
- Association for the Advancement of Medical Instrumentation (AAMI)
- Asynchronous Learning Networks Center (ALN)
- Center for Innovation in Engineering Education (CIEE)

## **Scientific Committees**

- Chairman, Technical Committee, new building of College of Applied Medical Science, King Saud University, Riyadh, Saudi Arabia.
- International Advisory Committee, International Conference on Sensors, Kuala Lumpur, Malaysia, 2003, 2006.
- Planning and Curriculum Committee, College of Applied Medical Science, King Saud University, Riyadh, Saudi Arabia.
- Computing services committee, College of Applied Medical Science, King Saud University, Riyadh, Saudi Arabia.
- The fifth Strategic Planning, College of Applied Medical Science, King Saud University, Riyadh, Saudi Arabia.
- Strategic planning committee for Information Technology at the university hospitals, King Saud University, Riyadh, Saudi Arabia.
- Strategic planning committee for educational Technology, King Saud University, Riyadh, Saudi Arabia.